Storm Data and Unusual Weather Phenomena - January 2008 Date/Time Deaths & Property & **Event Type and Details** Location Injuries Crop Dma LAKE MICHIGAN NORTH PT LT TO WIND PT WI COUNTY --- 1.0 NNE CUDAHY [42.96, -87.84] 01/07/08 15:45 CST 0 Marine Thunderstorm Wind (EG 40 kt) 01/07/08 15:45 CST 0 Source: Public Strong thunderstorm wind gusts occurred along the lakeshore east of Cudehay and over the nearshore waters based on public reports. Some tree branches were knocked down by the winds. Further inland, a measured wind gust of 41 knots was recorded at Miwaukee Mitchell Field. Unseasonable thunderstorms with strong winds moved northeast through Milwaukee County and out over the nearshore waters of Lake Michigan. These storms were related to other severe storms that spun up two tornadoes in Walworth and Kenosha Counties and funnel clouds over Racine County in southeast Wisconsin on January 7th. WISCONSIN, Southeast (WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA 01/05/08 20:00 CST 01/07/08 08:00 CST 0 Dense fog covered most of south-central and southeast Wisconsin from Saturday evening through about sunrise of Monday with visibilities of 1/8 to 1/4 mile. At times Sunday afternoon visibilities were reduced to less than 25 yards due to the cooling effect of melting snow. This resulted in a series of multiple-vehicle accidents along roughly a 5-mile stretch on Interstate 90/39 east and southeast of the Madison (Dane Co.) area. Law enforcement officials cited excessive speed for weather conditions as the cause of the accidents. One fatality (indirect death) was reported about 1 mile south of the Interstate 90/39 and STH 12/18 intersectionat about 1420 CST, and another fatality (indirect death) in a crash on Interstate 90/39 in the Civil Town of Blooming Grove at milemarker 146 at about 1516 CST. Altogether, about 100 vehicles were involved and about 50 people were treated at area hospitals for injuries (indirect). Numerous airline flights were canceled at aiports throughout south-central and southeast Wisconsin during the 3-day period of dense fog. Dozens of other vehicle accidents occurred in other counties as well. Meteorologically, the dense fog resulted from an influx of moist, mild air on south winds that substantially melted an existing snowcover. At Milwaukee Mitchell Field, the daily max/min temperatures for the 3 days were 41/25, 52/39, and 63/38, with the snowcover melting from 5 inches to a trace. At Madison Truax Field, the daily max/min temperatures for the 3 days were 39/34, 47/37, and 50/34, with the snowcover melting from 5 inches to 3 inches. The 63 registered at Milwaukee became a new daily record and an all-time January record max temperature for that location. (WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK 01/07/08 10:00 CST 0 Dense Fog 01/08/08 10:00 CST 0 Dense fog blanketed south-central east to a Fond du Lac to Janesville line with visibilities reduced to 1/8 to 1/4 mile. Numerous airline flights were delayed or canceled. A couple multiple-vehicle accidents were noted by the media in the Madison metro area. The dense fog resulted from leftover mild air and snow melt along with light winds. DANE COUNTY --- 4.0 SW MIDDLETON [43.06, -89.56] 01/07/08 10:30 CST 0 Hail (0.75 in) 01/07/08 10:30 CST 0 Source: Amateur Radio WALWORTH COUNTY --- 3.0 E SHARON [42.50, -88.67] 01/07/08 15:45 CST 0 Thunderstorm Wind (EG 56 kt)

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0

0

Source: NWS Storm Survey

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Hail (0.75 in)

Source: Public

01/07/08 15:45 CST

01/07/08 16:00 CST

01/07/08 16:00 CST

up a tornado northeast of Pell Lake in southeast Walworth County.

WALWORTH COUNTY --- ZENDA [42.52, -88.48]

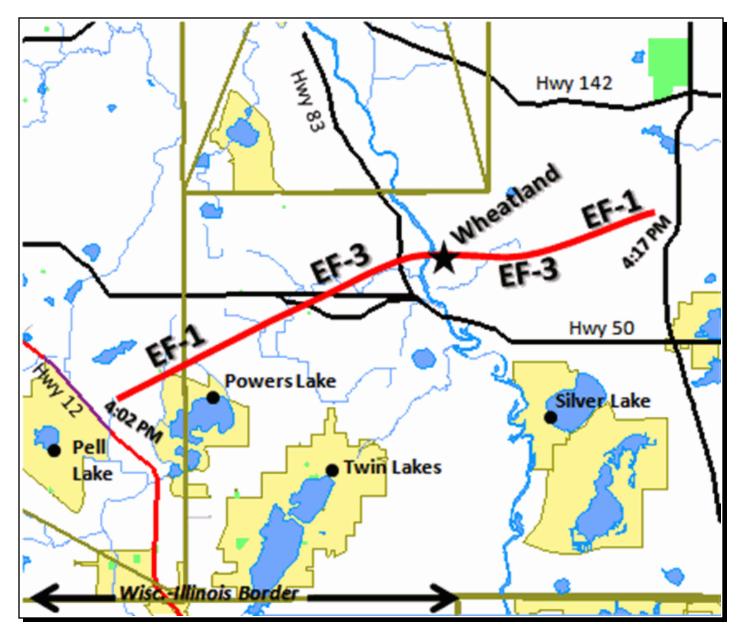
A few large trees were uprooted or damaged east/southeast of Sharon along the state line. This damage was produced by the same supercell that spun

Storm	Data and Unusual	weather Ph	ienomena -	January 2008
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WALWORTH COUNTY 2.3 NE PELL LAKE [42.5		TY VINCENT A [42		
	01/07/08 16:02 CST		0.10M	Tornado (EF1, L: 1.75 mi , W: 100 yd)
	01/07/08 16:04 CST		0	Source: Trained Spotter
This tornado inflicted minor damage on 3 structures uprooted or damaged a couple dozen trees. It spun from CTH U. This tornado crossed into Kenosha Cc CTH F in Walworth County. It contiuned for several The winds were estimated at 93 mph (DI 1 - SBO, D location in Walworth County was 42.56342,-88.3053	up very near a drainage dito ounty about 0.4 mile north of miles in western Kenosha C OD 5). The specific starting	ch/creek just west where CTH U in V County. The averag glocation in Walwo	of West Court/Ce Valworth County of ge path width was rth County was 4	nter Drive which which branches west crosses the county line and becomes about 50 yards in Walworth County. 2.54884,-88.33343, and the ending
KENOSHA COUNTY 1.0 NNW POWERS LAKE [4	12.56, -88.31], 1.6 NNW PAC	DDOCK LAKE [42.	60, -88.14]	
	01/07/08 16:04 CST		13.71M	Tornado (EF3, L: 9.03 mi , W: 200 yd)
	01/07/08 16:17 CST	15	0	Source: Trained Spotter
The tornado continued northeast to just east of the in Creek, passed through the Village of Wheatland, turbetween CTH PH and 41st Street (Town Rd). Fiftee homes were affected, 25 sustained minor damage, 2 had minor damage, 3 had major damage, and 4 w frozen ponds and creeks, as well as snow piles lefto estimated at 150 to 160 mph (DI 2 - FR12, DOD 8). these structures to fail at a lower wind speed. Additi Kenosha County was 42.556342,-88.30533, and the of this tornadoe's path: crossing of STH 83 - 42.5929	ned more east and crossed in people in the Civil Town of 27 had major damage, and 2 are destroyed. About 160 power from recent snowmelt. A For a couple homes, the visionally, other nearby damage ending location was 42.600	308th Ave. just no of Wheatland susta 25 were destroyed. eople were homele Average path width sual damage sugge e indicators didn't \$061,-88.13524. Fo	th of Peterson Conned minor injuried In the Civil Towners due to resider was about 100 yested an EF4 ratiosupport an EF4 rational purpose	reek, and then dissipated near a pond s. Also in the Civil Town of Wheatland, 7 n of Brighton, 10 homes were affected, ntial damage. This tornado traveled over vards. The wind speed was ng, however insufficient anchoring allowed ating. The specific starting location in s, here are a couple mid-point locations
RACINE COUNTY BURLINGTON [42.67, -88.27]				
	01/07/08 16:08 CST		0	Hail (0.75 in)
	01/07/08 16:08 CST		0	Source: Public
KENOSHA COUNTY 2.5 SE SOMERS [42.62, -87	.87], 3.6 N DOWNTOWN KE	ENOSHA [42.63, -8	7.82]	
•	01/07/08 16:39 CST	-	7.93M	Tornado (EF1, L: 2.48 mi , W: 75 yd)
	01/07/08 16:43 CST		0	Source: Law Enforcement
This tornado was the 2nd of two tornadoes to affect Ave. and moved east/northeast through the northerr Michigan. In the Civil Town of Somers it resulted in inflicted minor damage to 21 homes, inflicted major (Kenosha. Several power-lines were toppled and the was about 50 yards. The maximum winds were esti specific starting location was 42.62399,-87.86591, a	reaches of the city of Keno minor damage to 2 homes, a damage to 6 homes, and de ere were transformer explosi mated at around 95 mph (DI and the ending location was 4	sha, and dissipate and major damage stroyed 5 homes. ons. Dozens of tre I 27 - TH, DOD 3).	d just north of Ca to one home. In Additionally, it de tes were damage This tornado wa	rthage College and just short of Lake the City of Kenosha, it affected one home, stroyed one church in the City of d or uprooted. Average path width
	01/07/08 16:41 CST		0	Source: Trained Spotter
	337.00 TO.TT 001		•	Course. Hamou Opottor
RACINE COUNTY 1.0 SW STURTEVANT [42.69,	-87.91]			
	01/07/08 16:42 CST		0	Funnel Cloud
	01/07/08 16:42 CST		0	Source: Trained Spotter
RACINE COUNTY 0.5 SSW STURTEVANT [42.69	9, -87.901			
	01/07/08 16:43 CST		0	Funnel Cloud
	01/07/08 16:43 CST		0	Source: Trained Spotter
PACINE COUNTY STUDIEVANT (42.70 97.00)				
RACINE COUNTY STURTEVANT [42.70, -87.90]	01/07/08 16:44 CST		0	Funnel Cloud
	01/07/08 16:44 CST		0	Source: Trained Spotter

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

Very rare, mid-winter, severe storms affected parts of south-central and southeast Wisconsin on January 7th - in the form of two tornadoes and scattered, large, hailstones, and downburst winds. The last time a tornado occurred in January in Wisconsin was on the 24th in 1967 in Green and Rock Counties (25-mile track). On January 7th, a low pressure moved northeast through western Wisconsin, allowing a warm front to push through southern Wisconsin. Temperatures rose into the lower to mid 60s over southeast Wisconsin with surface dewpoints peaking in the mid to upper 50s, resulting in moderate amounts of instablity. Strong, veering winds from the surface to the jet stream level generated sufficient wind shear that supported rotating updrafts in scattered supercell thunderstorms over southeast Wisconsin. A supercell thunderstorm, that had spun up a tornado in northeastern Illinois previously, then crossed the state line into south-central Walworth County (southeast of the city of Walworth) where it intesified and eventually spun up a tornado near Pell Lake that traveled into western Kenosha County. Another supercell spun up a tornado over the northern reaches of the city of Kensoha. Other scattered thunderstorms on this day across south-central and southeast Wisconsin dumped large hail up to 3/4 inch in diameter.



Path of tornado from Walworth County into western Kenosha County.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z067) LAFAYETTE

01/16/08 22:00 CST

0

Winter Weather

01/17/08 15:30 CST

0

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Date/Time Deaths & **Event Type and Details** Location Property & Injuries Crop Dmg Snow accumulations of 3 to 6.5 inches affected south-central Wisconsin west of a line from Berlin to Columbus to Madison to Darlington. Dozens of vehicle accidents were noted by the media. Several airline flights at Madison Truax Field were delayed. This was a long-duration snowfall that didn't meet heavy snow criteria. Snow accumulations included 6.5" at Portage, 6" north of Oxford, 5" in Green Lake, Baraboo, Darlington, and about 4.5 inches near Mineral Point and DeForest. The responsible low pressure moved northeast through south-central Wisconsin. (WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA 01/19/08 00:00 CST Cold/Wind Chill 01/20/08 12:00 CST 0 Very cold air with temperatures of -5F to +5F combined with northwest winds of 15 to 25 mph generated low wind chill values of -20F to -30 F across south-central and southeast Wisconsin. The cold and low wind chills were a contributing factor in the indirect death of a person in Cudahy (Milwaukee Co.). (WI-Z057) COLUMBIA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH 01/21/08 06:00 CST 0 Heavy Snow 01/22/08 05:00 CST 0 Snow accumulations of 6 to 10 inches occurred over south-central Wisconsin during a 22-24 hour period. The snow was dry with snow to water ratios of twenty to one to thirty-five to one. Dozens of vehicle accidents were noted by the media. Maximum snow accumulations included 10.2" in Sun Prairie, an estimated 9 to 10" in southeast Columbia County, 9" in Whitewater and 9NW Beloit, 8.5" just southwest of Palmyra, and an estimated 8" in northern Green County. (WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z056) SAUK, (WI-Z062) IOWA, (WI-Z067) LAFAYETTE, (WI-Z071) RACINE, (WI-Z072) KENOSHA 01/21/08 06:00 CST 0 Winter Weather 01/22/08 06:00 CST 0 Snow accumulations of 5 to 8 inches were reported in a 22-24 hour period in the counties of Marquette, Green Lake, Sauk, Iowa, Lafayette, Racine, and Kenosha. The areas that received 8 inches were small, therefore this event was not classified as a heavy snow event. The snow was dry with snow to water ratios of twenty to one to thirty-five to one. Dozens of vehicle accidents were noted by the media. Maximum snow accumulations included 8 inches at La Valle and South Wayne, 7" in Berlin and Downtown Racine, and about 5 inches across far northern Kenosha County. (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE 01/21/08 07:00 CST 0 Heavy Snow 0 01/22/08 06:00 CST Snow accumulations of 8 to 14 inches fell over southeast Wisconsin during a 22-24 hour period. The snow was dry with snow to water ratios of twenty to one to thirty-five to one. Dozens of vehicle accidents were noted by the media. Maximum snow accumulations included 14.2" at 2N Saukville, 13" in Jackson, 12" in Juneau, an estimated 10" in northeastern Waukesha County, and 11" in Brown Deer. (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN 01/21/08 10:00 CST 0 Heavy Snow 01/22/08 06:00 CST 0 Snow accumulations of 8 to over 12 inches fell over the far southern parts of the counties of Fond du Lac and Sheboygan in east-central Wisconsin during a 22-24 hour period. The snow was dry with snow to water ratios of twenty to one to thirty-five to one. A few vehicle accidents were noted by the media. Maximum snow accumulations included 12.6" at Random Lake and 8" about 5 miles west (Ashford) of Cambellsport. (WI-Z072) KENOSHA 01/25/08 00:00 CST 0 Cold/Wind Chill 01/25/08 09:00 CST n Very cold air settled in over southeastern Wisconsin on January 25th and was a significant factor in the death of a 44-year-old women in the City of Kenosha. She died from exposure after her vehicle struck a tree. The low temperature in Kenosha was -6F to -7F and

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(WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK

maximum temperatures in the afternoon only reached up to around +10F.

**Direct Fatalities: F44VE** 

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/29/08 12:00 CST		0	Winter Storm
	01/30/08 02:00 CST		0	

A powerful winter storm raked south-central and southeast Wisconsin during the afternoon hours of January 29th into the pre-dawn hours of January 30th. The precipitation started off as rain and thunderstorms then changed to sleet and freezing rain which then changed to snow and blowing snow with plunging temperatures. Peak sustained northwest winds were on the order of 22 to 28 knots (25 to 32 mph) with peak gusts of 34 to 43 knots (39 to 49 mph). Visibilities were occasionally reduced to 1/4 to 1/2 mile in open areas. Dozens of vehicle accidents and slide-offs were noted by the media due to very slippery roads. Afternoon temperatures in the mid 30s to lower 40s quickly dropped through the 20s into the teens and then into the single digits by the evening hours, and eventually down to the -4F to -11F by the pre-dawn hours of the 30th. Although new snow amounts were only 1 to 3 inches, County Emergency Management Directors noted that this event was perceived as a winter storm due to the combination of thunderstorms, freezing rain, sleet, snow, blowing snow, strong winds, poor visibilities, and fast-falling temperatures. Synoptically, a strong low pressure moved northeast through Minnesota while a strong cold front swept southeast through Wisconsin. Another low pressure developed along the cold front while it was over northern Illinois, which led to a tightening pressure gradient and stronger winds over southern Wisconsin.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

01/29/08 15:00 CST 0 Winter Storm

01/30/08 04:00 CST 0

A powerful winter storm raked south-central and southeast Wisconsin during the afternoon hours of January 29th into the pre-dawn hours of January 30th. The precipitation started off as rain and thunderstorms but then changed to freezing rain and sleet which then changed to snow and blowing snow with plunging temperatures. Peak sustained northwest winds were on the order of 26 to 33 knots (30 to 38 mph) with peak gusts of 39 to 49 knots (45 to 56 mph). There was one isolated peak gust of 54 knots (62 mph) at a Wisconsin DOT site on Interstate 94 west of the City of Racine. Visibilities were occasionally reduced to 1/4 to 1/2 mile in open areas. Dozens of vehicle accidents and slide-offs were noted by the media due to very slippery roads. Afternoon temperatures in the mid 30s to lower 40s quickly dropped through the 20s into the teens and then into the single digits by the evening hours, and eventually down to the -4F to -8F by the pre-dawn hours of the 30th. Although new snow amounts were only 1 to 3 inches, County Emergency Management Directors noted that this event was perceived as a winter storm due to the combination of thunderstorms, freezing rain, sleet, snow, blowing snow, strong winds, poor visibilities, and fast-falling temperatures. Synoptically, a strong low pressure moved northeast through Minnesota while a strong cold front swept southeast through Wisconsin. Another low pressure developed along the cold front while it was over northern Illinois, which led to a tightening pressure gradient and stronger winds over southern Wisconsin.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z060) OZAUKEE, (WI-Z062) IOWA

01/30/08 09:30 CST 0

In the wake of a powerful winter storm, strong northwest winds and bitter cold air combined to generate very low wind chill values across parts of south-central and southeast Wisconsin. Air temperatures were in the -4F to -11F range and northwest winds were on the order of 13 to 20 knots (15 to 23 mph) with peak gusts of 22 to 30 knots (25 to 35 mph). Wind chill values dropped to -35F to -39F for 3 hours or more. Synoptically, a strong low pressure moved northeast through Minnesota while a strong cold front swept southeast through Wisconsin on the 29th. Another low pressure developed along the cold front while it was over northern Illinois on the 30th, which led to a tightening pressure gradient and stronger winds over southern Wisconsin.

(WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

01/30/08 02:00 CST 0 Cold/Wind Chill

01/30/08 12:00 CST 0

In the wake of a powerful winter storm, strong northwest winds and bitter cold air combined to generate low wind chill values across parts of south-central and southeast Wisconsin. Air temperatures were in the -3F to -8F range and northwest winds were on the order of 10 to 18 knots (12 to 21 mph) with peak gusts of 20 to 27 knots (23 to 31 mph). Wind chill values dropped to -28F to -35F for 3 hours or more. However, Monroe in Green County did have a low chill value of -37 for one hour. Synoptically, a strong low pressure moved northeast through Minnesota while a strong cold front swept southeast through Wisconsin on the 29th. Another low pressure developed along the cold front while it was over northern Illinois on the 30th, which led to a tightening pressure gradient and stronger winds over southern Wisconsin.

(WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

01/31/08 16:00 CST 0 Winter Storm

01/31/08 23:59 CST 0

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

A winter storm with heavy snow and gusty east to northeast winds to 25 to 30 mph affected southeast Wisconsin during the overnight hours. Visibilities were occasionally reduced to 1/4 to 1/2 in open areas where blowing and drifting affected travel. Specific snow amounts include 12.0" in the city of Racine, 10 to 11" in the city of Kenosha, 9.5" in the city of Pleasant Prairie, 8" in Caledonia, Union Grove, and Paddock Lake, and around 7" in the southeast third of Walworth County. Although this storm started in the afternoon hours of January 31st, it reached verification times and ending times on February 1st, so please refer to that February 1st event as well. Lesser snow accumulations of 3 to 5" affected parts of the counties of Sheboygan, Washington, Ozaukee, Jefferson, Waukesha, and Rock.

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Location Date/Time Deaths & Property & Event Type and Details
Injuries Crop Dmg

#### WISCONSIN, Southeast

(WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/01/08 00:00 CST 0 Winter Storm

02/01/08 08:45 CST 0

This winter storm started during the afternoon hours on January 31st, but continued into the early morning hours of February 1st. Heavy snow accumulations and gusty east to northeast winds to 25 to 30 mph affected southeast Wisconsin during the overnight hours. Visibilities were occasionally reduced to 1/4 to 1/2 in open areas where blowing and drifting affected travel. Specific snow amounts include 12.0" in the city of Racine, 10 to 11" in the city of Kenosha, 9.5" in the city of Pleasant Prairie, 8" in Caledonia, Union Grove, and Paddock Lake, and around 7" in the southeast third of Walworth County. Lesser snow accumulations of 3 to 5" affected parts of the counties of Sheboygan, Washington, Ozaukee, Jefferson, Waukesha, and Rock. Although this storm started in the afternoon hours of January 31st, it reached verification times and ending times on February 1st, so please refer to the January 31st event as well. Synoptically, low pressure moved northeast up the Ohio River Valley. Some lake-effect moisture enhancement occurred over southeast Wisconsin thanks to northeast winds in the lower atmosphere.

#### (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/03/08 17:30 CST 0 Winter Weather

02/03/08 22:45 CST 0

A quick-hitting burst of moderate to heavy snow affected southeastern Wisconsin over a 5-hour period and left 3 to almost 5 inches of new snow. Travel conditions deteriorated quickly and the media reported many vehicle accidents. Specific snow accumulations included 4.5" in Twin Lakes and 4" in the city of Kenosha, both in Kenosha County. In Racine County, both the city of Racine and Union Grove measured 4", while Wind Point came in with 3.2". In Walworth County, Pell Lake picked up 4" and Lake Geneva had about 3". Snow amounts tapered off to 1 inch over the northern portions of Racine and Walworth Counties. Synoptically, the burst of snow was due to a vigorous upper-level disturbance moving west to east across southern Wisconsin with a surge of warm air in its front quadrant.

(WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/04/08 16:00 CST 0 Dense Fog

02/04/08 23:00 CST 0

Widespread dense fog developed after sunset across a good portion of south-central and southeast Wisconsin. Visibilities were reduced to 1/8 to 1/4 mile. The area affected was mostly southeast of a line from Darlington to Madison to Beaver Dam to Sheboygan. Several flights were canceled or delayed at Milwaukee Mitchell Field and other airports. The media noted a few vehicle accidents. Synoptically, diminishing winds, night-time cooling, and a very moist air mass near the ground allowed the dense fog to develop.

#### (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK

02/05/08 16:00 CST 0 Winter Storm

02/06/08 21:00 CST 0

A long-duration, massive winter storm with near blizzard conditions pounded southern Wisconsin with snow accumulations of 10 to 21 inches, thundersnow, occasional northerly wind gusts to 35 mph, and blowing and drifting snow that reduced visibilities to occasionally below 1/4 mile. Some sleet was mixed in with the snow southeast of Interstate-43. An isolated wind gust to 52 knots (60 mph) was measured at the Janesville Aiport in Rock County. Drifts to 4 to 5 feet were reported. Arguably, this was the worst storm on such a widespread basis since the memorable storms of the late 1970s. The storm started overnight February 5th, and by daybreak February 6th accumulations ranged from 2 to 3 inches from the Madison area to Milwaukee on up to 5 to 7 inches near the Illinois border. Snow rates eased up and visibilities improved between about 0500 CST and 0900 CST. However, after about 0900 CST the main energy of the storm moved north out of Illinois, and it snowed at rates of 1 to 2 inches per hour through about 1800 CST while the winds increased in strength. After about 1800 CST the intensity of the snowfall gradually diminished from west to east across southern Wisconsin.

Some roads became impassable due to vehciles getting stuck in deep snow drifts on inclines. A major traffice backup occurred on Interstate 39/90 in the westbound lanes just south of where STH 51 intersects the Interstate in Dane County due to semi-tractor trailers jackknifing and blocking traffic on a hill. The backup started around 1030 CST to 1100 CST on February 6th and ended at daybreak on the 7th. This backup would eventually build south to near Janesville as stopped vehicles became drifted in. As many as 552 semi-trailers and 295 personal vehicles were involved in this backup for up to 10 to 20 hours. Additionally, a large backup occurred in the eastbound lanes in the some general area, involving 567 semi-trailers and 134 personal vehicles. Eighteen to 21 inches of snow fell in the area of the backup along with some gusts to 35 to 43 knots (40 to 50 mph). About 5 miles south of Sheboygan, the northbound lanes on Interstate-43 were closed due to jack-knifed semitrailer trucks. Milwaukee Mithchell Field shut down airline traffic at about 1300 CST due to near-blizzard conditions.

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Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

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Two-day snowfall totals include: 21" at Orfordville and 9WNW Beloit; 20.6 at Delavan; 20.4" at Ft. Atkinson; 20.1" at 2N Saukville; 20" at Beloit, Jackson, and 1E Evansville; 19.5" at Germantown; 18.4" at Town of Mount Pleasant; 18" at 2NE Glendale and Stoughton; 17.8" at Brodhead; 17.3" at West Allis; 17.1" at Beaver Dam/Town of Westford; 17.0" at Jefferson, Brown Deer North, 1N Sun Prairie, Lake Mills, 2 NNE Downtown Milwaukee, and Rome; 16.5" at Deerfield, Greenfield, and 1N Beaver Dam; 16.4" at 1NNE Cedarburg, 16.3" at the Milwaukee/Sullivan WFO about 3.8 miles southeast of Sullivan and 2SE Waukesha; 16.2" at 1E Cedarburg/Lakefield; 16" at Brookfield, 4NNE Sun Prairie, 4S Waukesha, Janesville, Johnson Creek, 1S Mt. Horeb, 2SW West Bend, Alleton, and 2N Saukville; 15.5" at Arygle, Kenosha, 0.4W State Fair Park, and Hales Corner/Whitnall Park; 15.1" at Wind Point, 15" at 1NNE Milwaukee, Afton, Union Grove, 1S Rochester, Watertown, Cambridge, 3W Thiensville, and 1SW Palmrya; 14.8" at Paddock Lake, 14.7" at Big Bend and Random Lake; 14.6" at 3SE Portage, 14.5" at 3SE Palmyra, an estimated 14" to 15" over southeastern lowa County, 14" at Juneau, Milton, Sheboygan, Pell Lake, and 6NW Kenosha, 13.8" at 0.5W Delafield; 13.4" at Madison Truax Field, 12.9" at Milwaukee Mitchell Field, 12.5" at Howards Grove, 12.4" at Cottage Grove, 12.1" at Oconomowoc, 10" at 5W Cambellsport/Ashford; 9.5" at Sauk City, around 8" in extreme southeast Green Lake County, and 6 to 7 inches across southern Marquette County.

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Thanks to the snow that fell in the February 5-6th winter storm/near blizzard, many location in south-central and southeast Wisconsin eventually broke their all-time winter snowfall records.

(WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/05/08 16:00 CST

0

Winter Storm

02/06/08 21:00 CST

0

A long-duration, massive winter storm with near blizzard conditions pounded southern Wisconsin with snow accumulations of 10 to 21 inches, thundersnow, occasional northerly wind gusts to 35 mph, and blowing and drifting snow that reduced visibilities to occasionally below 1/4 mile. Some sleet was mixed in with the snow southeast of Interstate-43. An isolated wind gust to 52 knots (60 mph) was measured at the Janesville Aiport in Rock County. Drifts to 4 to 5 feet were reported. Arguably, this was the worst storm on such a widespread basis since the memorable storms of the late 1970s. The storm started overnight February 5th, and by daybreak February 6th accumulations ranged from 2 to 3 inches from the Madison area to Milwaukee on up to 5 to 7 inches near the Illinois border. Snow rates eased up and visibilities improved between about 0500 CST and 0900 CST. However, after about 0900 CST the main energy of the storm moved north out of Illinois, and it snowed at rates of 1 to 2 inches per hour through about 1800 CST while the winds increased in

strength. After about 1800 CST the intensity of the snowfall gradually diminished from west to east across southern Wisconsin.

Some roads became impassable due to vehciles getting stuck in deep snow drifts on inclines. A major traffice backup occurred on Interstate 39/90 in the westbound lanes just south of where STH 51 intersects the Interstate in Dane County due to semi-tractor trailers jackknifing and blocking traffic on a hill. The backup started around 1030 CST to 1100 CST on February 6th and ended at daybreak on the 7th. This backup would eventually build south to near Janesville as stopped vehicles became drifted in. As many as 552 semi-trailers and 295 personal vehicles were involved in this backup for up to 10 to 20 hours. Additionally, a large backup occurred in the eastbound lanes in the some general area, involving 567 semi-trailers and 134 personal vehicles. Eighteen to 21 inches of snow fell in the area of the backup along with some gusts to 35 to 43 knots (40 to 50 mph). About 5 miles south of Sheboygan, the northbound lanes on Interstate-43 were closed due to jack-knifed semitrailer trucks. Milwaukee Mithchell Field shut down airline traffic at about 1300 CST due to near-blizzard conditions.

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Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

Milwaukee/Sullivan WFO about 3.8 miles southeast of Sullivan and 2SE Waukesha; 16.2" at 1E Cedarburg/Lakefield; 16" at Brookfield, 4NNE Sun Prairie, 4S Waukesha, Janesville, Johnson Creek, 1S Mt. Horeb, 2SW West Bend, Alleton, and 2N Saukville; 15.5" at Arygle, Kenosha, 0.4W State Fair Park, and Hales Corner/Whitnall Park; 15.1" at Wind Point, 15" at 1NNE Milwaukee, Afton, Union Grove, 1S Rochester, Watertown, Cambridge, 3W Thiensville, and 1SW Palmrya; 14.8" at Paddock Lake, 14.7" at Big Bend and Random Lake; 14.6" at 3SE Portage, 14.5" at 3SE Palmyra, an estimated 14" to 15" over southeastern lowa County, 14" at Juneau, Milton, Sheboygan, Pell Lake, and 6NW Kenosha, 13.8" at 0.5W Delafield; 13.4" at Madison Truax Field, 12.9" at Milwaukee Mitchell Field, 12.5" at Howards Grove, 12.4" at Cottage Grove, 12.1" at Oconomowoc, 10" at 5W Cambellsport/Ashford; 9.5" at Sauk City, around 8" in extreme southeast Green Lake County, and 6 to 7 inches across southern Marquette County.

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(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z056) SAUK, (WI-Z057) COLUMBIA

02/05/08 18:00 CST 0 Winter Storm

02/06/08 21:00 CST 0

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Location Date/Time Deaths & Property & Event Type and Details

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(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE

02/05/08 18:00 CST 0

02/06/08 21:00 CST 0

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Winter Storm

Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg (WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA 02/09/08 20:00 CST 0 Winter Weather 02/10/08 18:00 CST 0 Strong northwest winds behind an arctic cold generated widespread blowing snow that lowered visibilities to occasionally below 1/4 mile in open areas. The near-blizzard conditions made for hazardous driving conditions across south-central and southeast Wisconsin. Some new light snow accompanied the strong winds, generally in the 1/2 to 1 inch range. Hundreds of vehicle runoffs and accidents were reported as roads became icy and slippery, based on media reports. Snow drifts grew to a height of 4 feet on some roads in Sheboygan County according to spotter reports. Maximum wind gusts were generally 30 to 35 knots (35 to 40 mph), however, a gust of 42 knots (49 mph) was measured at the Sheboygan airport (KSBM). The start time of the strong winds was generally about 2000 CST northwest of a line from Brodhead to Whitewater to Oconomowoc to Port Washington. Southeast of this line the start time was about 2300 CST. There were isolated reports of some old trees or large tree branches knocked down by the wind. However, there were no damage reports. (WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA 02/10/08 00:00 CST 0 Extreme Cold/Wind Chill 02/10/08 18:00 CST 0 Bitter cold air pushed into south-central and southeast Wisconsin during the pre-dawn hours of February 10th on northwest winds of 17 to 20 knots (20 to 23 mph) frequently gusting to 30 to 42 knots (35 to 48 mph). Temperatures dropped to zero near Lake Michigan down to 8 below to 12 below zero west of Madison. The resultant wind chill values dropped to -35 to -37. (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA 02/11/08 23:00 CST 0 Winter Weather 02/12/08 20:00 CST n Yet another long-duration snow event affected parts of south-central and southeast Wisconsin for about 20 to 21 hours. Snow accumulations of 3 to 5 were noted. However, 6 to 8 inches fell in the lakeshore counties of Ozaukee, Milwaukee, Racine, and Kenosha where some lake-enhancement moisture blended with the system snow. An isolated maximum amount of 9.7" was measured on the UW-Milwaukee campus. In Caledonia (Racine Co.), 8.2" was measured. The Milwaukee Mitchell Airport had 7.5". There was little winds with this system and snowplow crews were able to keep up with the accumulations. Therefore this event in the lakeshore counties was not logged as a heavy snow event. Synoptically, the snow was associated with an upper level weather disturbance that rotated west to east across southern Wisconsin. (WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA 02/14/08 00:30 CST Heavy Snow 02/14/08 19:00 CST n A band of moderate to heavy snow parked itself across the area stretching from around Reedsburg in Sauk County to Portage to Montello and Green Lake over to Fond du Lac and north of Sheboygan. Specific snow totals include 13" in Montello, 12" in Green Lake, 11.3" northeast of Ripon, 10" in Fond du Lac, 9" in Portage and Wisconsin Dells, and 8.5" in Howards Grove. Dozens of vehicle accidents were noted by the media. Snow amounts tapered off to 2" to 4" over the southern parts of the counties of Sauk, Columbia, Fond du Lac, and Sheboygan. Just prior to this heavy snow event, during the evening of February 13th, a small section of a roof of a manufacturing plant in Sheboygan Falls sagged a few feet due to the weight of accumulated snow. A small hole was cut in the roof to allow pushing of snow down into the plant to lessen the roof load. Synoptically, the heavy snow was associated with mid-level warm air advection of moisture north into Wisconsin where the jet stream pattern favored mid-level convergence. The resultant snow flakes were reported to be fairly large.

Yet another winter storm pounded parts of south-central and east-central Wisconsin with freezing rain that changed to snow accumulations of 6 to 12 inches. Blowing and drifting of the snow was reported, and ice accumulations at the start were 1/10 to 1/8 of an inch. The freezing rain melted some of the existing snow cover that resulted in some ponding of water in low spots before things changed to all snow. Specific snow accumulations include 12" in Portage, 10.5" in Montello, 10.3" in Baraboo, 10" in both Berlin and La Valle, around 8" in northwestern lowa County, 6 to 7 inches in western Dane County and the northern part of Lafayette County, 6" in far northwestern Green County and far northwestern Dodge County, 6 to 8" in far western Fond du Lac County, and 1 to 2" in western

02/17/08 00:00 CST

02/17/08 19:00 CST

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN

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Winter Storm

0

Date/Time Deaths & **Event Type and Details** Location Property &

Injuries Crop Dmg

Sheboygan County. Hundreds of vehicle accidents were reported by the media. Numerous civic functions were cancelled ahead of time. Synoptically, low pressure moved from eastern Texas to central Illinois to southeastern Wisconsin to northern lower Michigan.

(WI-Z067) LAFAYETTE, (WI-Z068) GREEN

02/17/08 00:00 CST 0 Winter Storm

02/17/08 18:00 CST O

Yet another winter storm pounded parts of south-central and east-central Wisconsin with freezing rain that changed to snow accumulations of 6 to 12 inches. Blowing and drifting of the snow was reported, and ice accumulations at the start were 1/10 to 1/8 of an inch. The freezing rain melted some of the existing snow cover that resulted in some ponding of water in low spots before things changed to all snow. Specific snow accumulations include 12" in Portage, 10.5" in Montello, 10.3" in Baraboo, 10" in both Berlin and La Valle, around 8" in northwestern lowa County, 6 to 7 inches in western Dane County and the northern part of Lafayette County, 6" in far northwestern Green County and far northwestern Dodge County, 6 to 8" in far western Fond du Lac County, and 1 to 2" in western Sheboygan County. Hundreds of vehicle accidents were reported by the media. Numerous civic functions were cancelled ahead of time. Synoptically, low pressure moved from eastern Texas to central Illinois to southeastern Wisconsin to northern lower Michigan.

(WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/17/08 00:00 CST 0 Winter Weather

02/17/08 12:00 CST 0

A mix of snow...freezing rain...and rain affected southeast Wisconsin for about 12 hours. Scattered slippery spots developed on some roads, resulting in dozens of vehicle accidents. The rain and melting snow generated ponding of water of a depth of 6" to 2 feet in low spots. STH 32 in Kenosha County had one lane closed due to standing water. The canopy of a drive-in restaurant in the southern part of the city of Milwaukee collapsed due to the weight of rain-laden snow. Synoptically, this event was the result of a low pressure moving from eastern Texas to central Illinois through southeastern Wisconsin to northern Lower Michigan. Associated ice storm/winter storm conditions were found over parts of south-central and southeastern Wisconsin to the northwest of this winter weather event.

(WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z062) IOWA, (WI-Z063) DANE

02/17/08 01:00 CST 10K Winter Storm

02/17/08 19:00 CST 0

Yet another winter storm pounded parts of south-central and east-central Wisconsin with freezing rain that changed to snow accumulations of 6 to 12 inches. Blowing and drifting of the snow was reported, and ice accumulations at the start were 1/10 to 1/8 of an inch. The freezing rain melted some of the existing snow cover that resulted in some ponding of water in low spots before things changed to all snow. Specific snow accumulations include 12" in Portage, 10.5" in Montello, 10.3" in Baraboo, 10" in both Berlin and La Valle, around 8" in northwestern lowa County, 6 to 7 inches in western Dane County and the northern part of Lafayette County, 6" in far northwestern Green County and far northwestern Dodge County, 6 to 8" in far western Fond du Lac County, and 1 to 2" in western Sheboygan County. Hundreds of vehicle accidents were reported by the media. Scattered power outages affected about 30000 customers as tree branches fell onto power lines. A section of a roof of a Baraboo business partially collapsed due to the weight of accumulated snow and ice. A small part of the roof of a Wisconsin Dells business collapsed as well. Numerous civic functions were cancelled ahead of time. Synoptically, low pressure moved from eastern Texas to central Illinois to southeastern Wisconsin to northern lower Michigan.

(WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z069) ROCK

02/17/08 01:00 CST 0.10M Ice Storm

02/17/08 12:00 CST 0

An ice storm affected a 25 to 30 mile wide area stretching from Janesville to Ft. Atkinson to Delafield to West Bend to Port Washington thanks to about 11 hours of freezing rain. Ice accumulations ranged from 1/4 to 1/2 inch. Some light snow was mixed in with the freezing rain at times. The resultant icy roads were a factor in a fatality (indirectly-related) that occurred in a 1-vehicle accident near Milton when the driver lost control of the vehicle. Many civic functions and businesses had closed ahead of the storm. Ponding of water also occurred on many streets thanks to melting snow and freezing rain accumulations. Scattered power outages occurred as falling branches snapped power lines. Hundreds of vehicle accidents were reported by the media as drivers found it nearly impossible to climb even slight grades. This ice storm was the fourth winter storm/ice storm combination during the 2007-08 winter season across south-central and southeast Wisconsin, and was assocated with a larger winter storm that dumped 6' to 12" of new snow across parts of south-central Wisconsin on January 17th. Normally, an ice storm occurs only about once every three years across southern Wisconsin.

(WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/25/08 18:00 CST n Winter Weather

02/26/08 06:00 CST 0

Yet another weather system affected parts of south-central and southeast Wisconsin with a a mix of rain, freezing rain, and sleet that

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

changed to all snow. Snow accumulations generally ranged from 2" to 4.5" across the southern tier of Wisconsin, with an isolated maximum amount of 6.5" in Genoa City of far southeastern Walworth County. At the end of the snow period north winds increased to 13 to 17 knots (15 to 20 mph) with some gusts to 26 knots (30 mph). Consequently, some blowing and drifting snow affected open areas. Dozens of vehicle accidents were reported by the media, and some school districts started classes 2 hours late.

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Location Date/Time Deaths & Property & Event Type and Details
Injuries Crop Dmg

WISCONSIN, Southeast

KENOSHA COUNTY --- 0.5 W WHEATLAND [42.60, -88.21], WHEATLAND [42.60, -88.20], SILVER LAKE [42.55, -88.17], NEW MUNSTER [42.58, -88.23]

 03/03/08 06:00 CST
 2K
 Flood (due to Heavy Rain / Snow Melt)

 03/09/08 06:20 CST
 0
 Source: Official NWS Observations

The Fox River at New Munster rose above flood stage early on March 3rd and finally went below flood stage on March 9th. It crested at 12.01 feet at 1750 CST on March 4th, or 2.01 feet over flood stage. The typical bottom-land flooding occurred. A couple homes sustained water damage to their basement contents. Many other rivers and streams in south-central and southeast Wisconsin rose to near bankfull or almost flood stage during the period of March 3rd-9th. Additionally, many of the same rivers would rise above flood stage during the March 21st-23rd period and remain above flood stage into April,

The combination of snow melt and rains during the period of February 29th through March 2nd forced water levels on the Fox River in western Kenosha County to exceed flood stage in early March, 2008.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

03/21/08 05:00 CST 0 Winter Storm

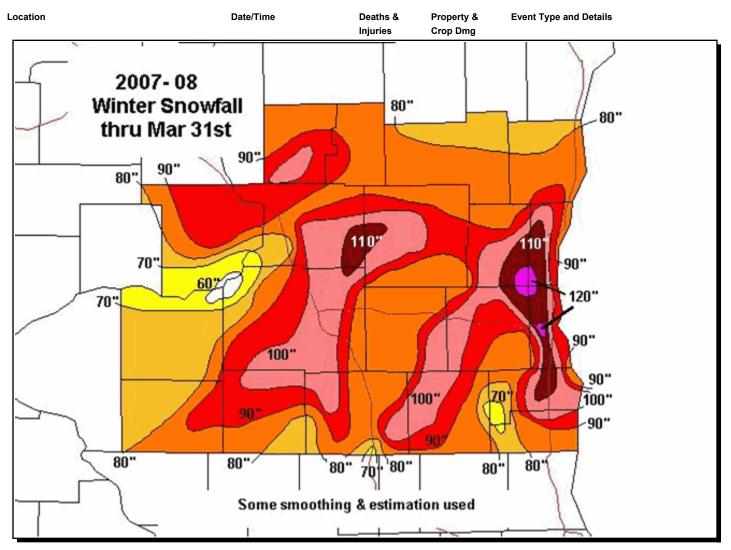
03/22/08 02:00 CST 0

The final widespread winter storm of the 2007-08 winter season affected most of south-central and southeast Wisconsin with a combination of heavy snowfalls of 6 to 18.5 inches over a 21-hour period on March 21st and 22nd. Overall, snow-water ratios were on the order of 10:1 to 12:1. The snow started off on the wet side during the pre-dawn hours and even some ice pellets mxied in during the early morning hours. As the day wore on convective bands formed which intensified snowfall rates to 1 to 2 inches per hour at times on a local basis. Thundersnow was reported. Milwaukee Mitchell Field closed down from noon through the end of the storm because the snowplow crews couldn't keep up with accumulations and occasional visibilities down to 1/8 to 1/4 mile. A couple dozen flights were canceled at Madison Truax Field. Numerous civic events, meetings, church services, and even some schools were canceled or closed. The Milwaukee metro bus system closed down during the storm. Hundreds of vehicle accidents were reported by the media with some vehicles rolling over in roadside ditches. There were probably a dozen or so accidents that resulted in minor injuries. During the last few hours of the storm the snow became drier. A severe weather spotter on the southwest side of Madison indicated that the snowflakes were big and fluffy and were piling up like feathers.

Specific snow accumulations include: 18.5" and 17.7" at two different locations in West Allis, 16.5" in Greenfield, 16.4" in Brown Deer, 16" in Hales Corner/Whitnall Park, 15.5" at Brookfield 2 NE, 15.2" in Saukville, 15.1" at Kenosha 6NW, 15" in Downtown Waukesha and Lannon, 14.8" in the Civil Town of Westford (west of Beaver Dam) and Caledonia, 14.5" at Mt. Mary College in Milwuakee, 14.9" in Richfield, 14.8" at Holy Hill 2E, 13.5" in Juneau, 14.4" in West Bend, an estimated 14" southeast of Cambria and at Milwaukee 8NW, 12" in East Troy, Paddock Lake, Union Grove and Random Lake, 11.7" in Delafield, 11.4" at Sullivan 3Se (WFO Milwaukee office), 11" at Palmyra 1SW and in Portage, 10.5" just north of Sun Prairie and in Horicon, 10.3" in Baraboo and Lake Geneva, 8 inches in Westfield, Dalton, and extreme southeast Fond du Lac County, 7" to 8" over northern lowa County, 7.7" at Madison Truax Field (although 9" was reported on the southwest side of the city), and 6 to 7 inches across the northern parts of the counties of Lafeyette, Green, and Rock Counties. During the height of the storm, sustained east-northeast winds of 15 to 25 mph were common along with occasional gusts to 30 to 35 mph. This led to blowing and drifting of the snow in open areas. Synoptically, the center of responsible low pressure tracked from the Black Hills to Omaha to central Illinois to southern Ohio.

The March 21-22nd winter storm, when combined with only one very light snowfall in April, 2008, allowed many observation sites in south-central and southeast Wisconsin to establish new all-time winter season snowfall records. In fact, most locations easily doubled their normal snowfall during the 2007-08 winter season! Included in this March 21-22 winter storm write-up is a graphic showing snowfall totals through the end of March, 2008. This graphic is attached to Dane County. A number of sites exceeded 100" by the end of March, 2008, and a couple locations went slightly over 121 inches! The total winter snowfall of 101.4" at Madison Truax Field crushed the old record of 76.1" set in the the 1978-79 winter. The 99.1" total winter snowfall at Milwaukee Mitchell Field was the 2nd highest total; falling short of the 109.8" measured in the 1885-86 winter season. The greatest 2007-08 winter season snowfall totals in south-central and southeast Wiscosnin were 122.1" at the West Allis coop site and 121.6" at the Germantown coop site.

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2007-08 Winter Season Snowfall through March 31, 2008.

### WAUKESHA COUNTY --- 2.5 ENE DOWNTOWN WAUKESHA [43.03, -88.17]

03/31/08 11:45 CST 25K Lightning

03/31/08 11:45 CST 0 Source: Newspaper

A lightning bolt struck a tree and air conditioning unit of a home in New Berlin. The current was carried into the basement of the home and the resultant fire was contained mostly in the basement. Electrical wiring was damaged. Smoke damage was noted elsewhere in the home.

### WAUKESHA COUNTY --- 2.5 SW NEW BERLIN [42.95, -88.16]

03/31/08 11:50 CST 10K Lightning

03/31/08 11:50 CST 0 Source: Newspaper

A lightning strike to a radio antenna on a home on National Avenue damaged a breadmaker, interior wiring, and electrical outlets. However, there was no fire.

Scattered thunderstorms in southeast Wisconsin generated cloud-to-ground lightning strikes that resulted in structural damage or fires.

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IOWA COUNTY --- 2.0 N CLYDE [43.15, -90.22]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
AKE MICHIGAN				
NORTH PT LT TO WIND PT WI COUNTY 1.1 N N	-	05, -87.97]		
	04/25/08 17:35 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	04/25/08 17:35 CST		0	Source: Other Federal Agency
VIND PT LT WI TO WINTHROP HBR IL COUNTY -	<del>-</del>	2.77, -87.83]		
	04/25/08 17:53 CST		0	Marine Thunderstorm Wind (EG 37 kt)
	04/25/08 17:53 CST		0	Source: Trained Spotter
ORTH PT LT TO WIND PT WI COUNTY 1.1 N	<del>-</del>	05, -87.97]		
	04/25/08 18:25 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	04/25/08 18:25 CST		0	Source: Other Federal Agency
HEBOYGAN TO PT WASHINGTON WI COUNTY	1.7 E SHEBOYGAN [43.7	5, -87.69]		
	04/25/08 18:30 CST		0	Marine Thunderstorm Wind (MG 47 kt)
	04/25/08 18:30 CST		0	Source: C-MAN Station
VIND PT LT WI TO WINTHROP HBR IL COUNTY -	2.2 ESE KENOSHA [42.57	7, -87.79]		
	04/25/08 18:30 CST		0	Marine Thunderstorm Wind (MG 42 kt)
	04/25/08 18:30 CST		0	Source: Other Federal Agency
noved east through southern Wisconsin.	justy winds, large nall, and			
noved east through southern Wisconsin.  WISCONSIN, Southeast	LL APT MI [42.94, -87.91]		0.001	
noved east through southern Wisconsin.  VISCONSIN, Southeast	LL APT MI [42.94, -87.91] 04/24/08 16:35 CST		0.20M	Lightning
noved east through southern Wisconsin.  VISCONSIN, Southeast	LL APT MI [42.94, -87.91]		0.20M 0	Lightning Source: Newspaper
VISCONSIN, Southeast  NILWAUKEE COUNTY 1.0 SSW (MKE)MITCHEI	LL APT MI [42.94, -87.91] 04/24/08 16:35 CST 04/24/08 16:35 CST		0	Source: Newspaper
VISCONSIN, Southeast  IIILWAUKEE COUNTY 1.0 SSW (MKE)MITCHEI  ightning struck the steeple of St. Stephen Catholic ne steeple and belfry area.	LL APT MI [42.94, -87.91] 04/24/08 16:35 CST 04/24/08 16:35 CST Church in Milwaukee, just s		0 f Milwaukee Mitch	Source: Newspaper ell Field. The fire was contained to just
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Clusters of strong to severe storms with strong groved east through southern Wisconsin.  WISCONSIN, Southeast  WILWAUKEE COUNTY 1.0 SSW (MKE)MITCHE  Lightning struck the steeple of St. Stephen Catholic he steeple and belfry area.  OWA COUNTY 0.5 N DODGEVILLE [42.98, -90.  Lightning struck a communications tower belonging event is estimated, since the newspaper article indic  NAUKESHA COUNTY 0.5 W DOWNTOWN WAL  WASHINGTON COUNTY KEWASKUM [43.52, -E  During the pre-dawn hours, lightning struck a teleph equipment.  OWA COUNTY 4.5 W COBB [42.97, -90.42], 4.0	LL APT MI [42.94, -87.91] 04/24/08 16:35 CST 04/24/08 16:35 CST Church in Milwaukee, just s  13] 04/25/08 08:00 CST 04/25/08 08:00 CST it o the lowa County Sheriff I cated that the event occurred  JKESHA [43.02, -88.23] 04/25/08 10:02 CST 04/25/08 10:02 CST 04/25/08 14:25 CST 04/25/08 14:25 CST 04/25/08 14:25 CST	outh-southwest o	f Milwaukee Mitcher  75K 0  os and computer eing hours.  0 0 10K 0	Source: Newspaper ell Field. The fire was contained to just  Lightning Source: Newspaper equipment were damaged. The time of this  Hail (0.75 in) Source: NWS Employee  Lightning Source: Newspaper

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ONZEGOB 15.22 CST 0 Source: Post Office ONZEGOB 15.22 CST 0 Source: Post Office ONZEGOB 15.25 CST 0 Source: Public ONZEGOB 15.25 CST 0 Source: Trained Spotter ONZEGOB 15.27 CST 0 Hail (0.75 in) ONZEGOB 15.27 CST 0 Source: Trained Spotter ONZEGOB 15.27 CST 0 Source: Emergency Manager ONZEGOB 15.25 CST 0 Hail (0.25 in) ONZEGOB 15.25 CST 0 Hail (0.25 in) ONZEGOB 15.25 CST 0 Source: Emergency Manager ONZEGOB 15.25 CST 0 Source: Emergency	Location		Deaths & njuries	Property & Crop Dmg	Event Type and Details
COLUMBIA COUNTY OKEE [43.35, 49.86]  0.42508 15:25 CST		04/25/08 15:22 CST		0	Hail (0.75 in)
DAC2508 15.25 CST		04/25/08 15:22 CST		0	Source: Post Office
Automatic   Auto	COLUMBIA COUNTY OKEE [43.35, -89.58]				
ACUAINTY — SAUK CITY [43.27, 49.73]  O4.2508 15.25 CST  O4.2508 15.25 CST  O4.2508 15.27 CST  O5.2000000000000000000000000000000000000					
O4/25/08 15/25 CST 0 Hail (0.75 in) O4/25/08 15/25 CST 0 Source: Trained Spotter  SAUK COUNTY — 2.0 NE MERRIMAC [43.39, 49.59] 04/25/08 15/27 CST 0 Hail (0.75 in) O4/25/08 15/27 CST 0 Source: Trained Spotter  SAUK COUNTY — 8.0 NE BARABOO [43.55, 49.62] 04/25/08 15/27 CST 0 Hail (0.75 in) O4/25/08 15/27 CST 0 Source: Emergency Manager  Actual location of this hail report was about 3.0 ENE Green Comers.  COLUMBIA COUNTY — 3.0 SE LEWISTON [43.55, 89.59], 6.0 N PORTAGE [43.64, 49.45] 04/25/08 15/25 CST 0 Hail (0.88 in) O4/25/08 15/25 CST 0 Source: Emergency Manager  DODGE COUNTY — IRON RIDGE [43.40, -88.53] 04/25/08 15/25 CST 0 Source: Trained Spotter  DODGE COUNTY — LOMIRA [43.58, -88.43], 1.0 N LOMIRA [43.58, -88.43] 04/25/08 15/25 CST 0 Hail (0.75 in) O4/25/08 15/25 CST 0 Source: Trained Spotter  COLUMBIA COUNTY — 6.0 N PORTAGE [43.64, -89.45] 04/25/08 15/25 CST 0 Source: Trained Spotter  COLUMBIA COUNTY — 6.0 N PORTAGE [43.64, -89.45] 04/25/08 15/25 CST 0 Source: Trained Spotter  COLUMBIA COUNTY — 4.0 S ENDEAVOR [43.64, -89.45] 04/25/08 15/25 CST 0 Source: Public  MARQUETTE COUNTY — 4.5 S ENDEAVOR [43.64, -89.47], 6.0 ENE MONTELLO [43.83, -89.21] 04/25/08 15/25 CST 0 Source: Emergency Manager  WALWORTH COUNTY — 4.0 ENE SHARON [42.52, -88.66] 04/25/08 15/25 CST 0 Source: Emergency Manager  WALWORTH COUNTY — 3.0 E EDEN [43.70, -86.31], 2.5 S ST CLOUD [43.76, -88.17] 04/25/08 15/25 CST 0 Source: Emergency Manager  COLUMBIA COUNTY — 3.0 E EDEN [43.70, -86.31], 2.5 S ST CLOUD [43.76, -88.17] 04/25/08 15/25 CST 0 Source: Emergency Manager  COLUMBIA COUNTY — 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.5 N OKEE [43.44, -89.60] o4/25/08 15/25 CST 0 Source: Emergency Manager		04/25/08 15:25 CST		0	Source: Public
ACLUMBIA COUNTY — 2.0 NE MERRIMAC [43.39, 49.59] 04/25/08 15:27 CST 04/25/08 15:27 CST 0 COUNTY — 8.0 NE BARABOO [43.55, 49.52] 04/25/08 15:31 CST 04/25/08 15:32 CST 04/25/08 15:32 CST 04/25/08 15:35 CST 05/25/08 15:35 CST 05/25/08 15:35 CST 06/25/08 15:35 CST 07/25/08 15:35 CST 08/25/08 15:35 CST 08/25/08 15:35 CST 09/25/08 15:35 CST	SAUK COUNTY SAUK CITY [43.27, -89.73]				
SAUK COUNTY 2.0 NE MERRIMAC [43.39, 495.99] 04/25/08 15:27 CST 04/25/08 15:27 CST 0 Source: Trained Spotter  SAUK COUNTY 8.0 NE BARABOO [43.55, 498.62] 04/25/08 15:31 CST 04/25/08 15:31 CST 04/25/08 15:31 CST 04/25/08 15:32 CST 04/25/08 15:32 CST 04/25/08 15:32 CST 04/25/08 15:32 CST 04/25/08 15:35 CST 05/25/08 15:35 CST 05/25					
04/25/08 15:27 CST 0 Hall (0.75 in) 04/25/08 15:27 CST 0 Source: Trained Spotter  SAUK COUNTY 8.0 NE BARABOO [43.55, -88.62] 04/25/08 15:31 CST 0 Hall (0.75 in) 04/25/08 15:31 CST 0 Source: Emergency Manager  Actual location of this hall report was about 3.0ENE Green Corners.  COLUMBIA COUNTY 3.0 SE LEWISTON [43.55, -88.95], 6.0 N PORTAGE [43.64, -89.45] 04/25/08 15:32 CST 0 Hall (0.88 in) 04/25/08 15:35 CST 0 Source: Emergency Manager  DODGE COUNTY IRON RIDGE [43.40, -88.53] 04/25/08 15:35 CST 0 Source: Trained Spotter  DODGE COUNTY LOMIRA [43.58, -88.43], 1.0 N LOMIRA [43.58, -88.43] 04/25/08 15:45 CST 0 Source: Trained Spotter  COLUMBIA COUNTY 6.0 N PORTAGE [43.64, -89.45] 04/25/08 15:45 CST 0 Hall (0.75 in) 04/25/08 15:45 CST 0 Source: Public  MARQUETTE COUNTY 4.5 S ENDEAVOR [43.63, -89.47], 6.0 ENE MONTELLO [43.83, -89.21] 04/25/08 15:45 CST 0 Hall (0.75 in) 04/25/08 15:45 CST 0 Hall (0.75 in) 04/25/08 15:45 CST 0 Source: Emergency Manager  WALWORTH COUNTY 4.0 ENE SHARON [42.52, -88.65] 04/25/08 15:55 CST 0 Hall (0.75 in) 04/25/08 15:55 CST 0 Source: Emergency Manager  WALWORTH COUNTY 4.0 ENE SHARON [42.52, -88.65] 04/25/08 15:55 CST 0 Source: Trained Spotter  This hall report came from an airfield.  FOND DU LAC COUNTY 3.0 E EDEN [43.70, -88.31], 2.5 S ST CLOUD [43.76, -88.17] 04/25/08 16:55 CST 0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.44, -88.51], 2.5 S ST CLOUD [43.76, -88.17] 04/25/08 16:55 CST 0 Source: Emergency Manager		04/25/08 15:25 CST		0	Source: Trained Spotter
OA/2508 15:27 CST	SAUK COUNTY 2.0 NE MERRIMAC [43.39, -89	9.59]			
SAUK COUNTY 8.0 NE BARABOO [43.55, 89.62]  04/25/08 15.31 CST		04/25/08 15:27 CST		0	Hail (0.75 in)
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Actual location of this hall report was about 3.0ENE Green Corners.  COLUMBIA COUNTY 3.0 SE LEWISTON [43.55, -89.59], 6.0 N PORTAGE [43.64, -89.45]		04/25/08 15:31 CST		0	Hail (0.75 in)
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O4/25/08 15:32 CST	Actual location of this hail report was about 3.0EN	IE Green Corners.			
DODGE COUNTY IRON RIDGE [43.40, -88.53]	COLUMBIA COUNTY 3.0 SE LEWISTON [43.5		, -89.45]		
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DODGE COUNTY LOMIRA [43.58, -88.43], 1.0 N LOMIRA [43.59, -88.43] 04/25/08 15:40 CST 0 Hail (0.88 in) 04/25/08 15:45 CST 0 Source: Trained Spotter  COLUMBIA COUNTY 6.0 N PORTAGE [43.64, -89.45] 04/25/08 15:43 CST 0 Hail (0.75 in) 04/25/08 15:43 CST 0 Source: Public  MARQUETTE COUNTY 4.5 S ENDEAVOR [43.63, -89.47], 6.0 ENE MONTELLO [43.83, -89.21] 04/25/08 16:05 CST 0 Hail (0.75 in) 04/25/08 16:05 CST 0 Source: Emergency Manager  WALWORTH COUNTY 4.0 ENE SHARON [42.52, -88.66] 04/25/08 15:55 CST 0 Source: Trained Spotter  This hail report came from an airfield.  FOND DU LAC COUNTY 3.0 E EDEN [43.70, -88.31], 2.5 S ST CLOUD [43.78, -88.17] 04/25/08 16:05 CST 0 Source: Emergency Manager	DODGE COUNTY IRON RIDGE [43.40, -88.53]				
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COLUMBIA COUNTY 6.0 N PORTAGE [43.64, -89.45]  04/25/08 15:43 CST  0 Source: Public  MARQUETTE COUNTY 4.5 S ENDEAVOR [43.63, -89.47], 6.0 ENE MONTELLO [43.83, -89.21]  04/25/08 16:05 CST  0 Hail (0.75 in)  04/25/08 16:05 CST  0 Source: Emergency Manager  WALWORTH COUNTY 4.0 ENE SHARON [42.52, -88.66]  04/25/08 15:55 CST  0 Hail (0.75 in)  04/25/08 15:55 CST  0 Source: Trained Spotter  This hail report came from an airfield.  FOND DU LAC COUNTY 3.0 E EDEN [43.70, -88.31], 2.5 S T CLOUD [43.78, -88.17]  04/25/08 16:05 CST  0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60]  04/25/08 16:05 CST  10K Flash Flood (due to Heavy Rain)		04/25/08 15:40 CST		0	Hail (0.88 in)
04/25/08 15:43 CST 0 Hail (0.75 in) 04/25/08 15:43 CST 0 Source: Public  MARQUETTE COUNTY 4.5 \$ ENDEAVOR [43.63, -89.47], 6.0 ENE MONTELLO [43.83, -89.21] 04/25/08 15:46 CST 0 Hail (0.75 in) 04/25/08 16:05 CST 0 Source: Emergency Manager  WALWORTH COUNTY 4.0 ENE SHARON [42.52, -88.66] 04/25/08 15:55 CST 0 Hail (0.75 in) 04/25/08 15:55 CST 0 Source: Trained Spotter  This hail report came from an airfield.  FOND DU LAC COUNTY 3.0 E EDEN [43.70, -88.31], 2.5 \$ ST CLOUD [43.78, -88.17] 04/25/08 16:05 CST 0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60] 04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)		04/25/08 15:45 CST		0	Source: Trained Spotter
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WALWORTH COUNTY 4.0 ENE SHARON [42.52, -88.66]  04/25/08 15:55 CST  0 Hail (0.75 in)  04/25/08 15:55 CST  0 Source: Trained Spotter  This hail report came from an airfield.  FOND DU LAC COUNTY 3.0 E EDEN [43.70, -88.31], 2.5 S ST CLOUD [43.78, -88.17]  04/25/08 16:00 CST  0 Hail (1.00 in)  04/25/08 16:15 CST  0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60]  04/25/08 16:05 CST  10K Flash Flood (due to Heavy Rain)			•	-	Hail (0.75 in)
04/25/08 15:55 CST 0 Hail (0.75 in) 04/25/08 15:55 CST 0 Source: Trained Spotter  This hail report came from an airfield.  FOND DU LAC COUNTY 3.0 E EDEN [43.70, -88.31], 2.5 S ST CLOUD [43.78, -88.17] 04/25/08 16:00 CST 0 Hail (1.00 in) 04/25/08 16:15 CST 0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60] 04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)		04/25/08 16:05 CST		0	Source: Emergency Manager
04/25/08 15:55 CST 0 Hail (0.75 in) 04/25/08 15:55 CST 0 Source: Trained Spotter  This hail report came from an airfield.  FOND DU LAC COUNTY 3.0 E EDEN [43.70, -88.31], 2.5 S ST CLOUD [43.78, -88.17] 04/25/08 16:00 CST 0 Hail (1.00 in) 04/25/08 16:15 CST 0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60] 04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)	WALWORTH COUNTY 4.0 ENE SHARON [42]	5288.661			_
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04/25/08 16:00 CST 0 Hail (1.00 in) 04/25/08 16:15 CST 0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60] 04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)	This hail report came from an airfield.				
04/25/08 16:15 CST 0 Source: Emergency Manager  COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60] 04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)	FOND DU LAC COUNTY 3.0 E EDEN [43.70, -	88.31], 2.5 S ST CLOUD [43.78, -88	B.17]		
COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.60], 6.5 N OKEE [43.44, -89.59], 6.4 N OKEE [43.44, -89.60], 6.6 N OKEE [43.44, -89.60]  04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)		04/25/08 16:00 CST		0	Hail (1.00 in)
04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)		04/25/08 16:15 CST		0	Source: Emergency Manager
04/25/08 16:05 CST 10K Flash Flood (due to Heavy Rain)	COLUMBIA COUNTY 6.7 N OKEE [43.45, -89.0	60], 6.5 N OKEE [43.44, -89.59], 6.4	4 N OKEE [43	i.44, -89.60], 6.6 N	OKEE [43.44, -89.60]
04/25/08 18:30 CST 0 Source: Emergency Manager			-		
0 Source. Littergettey Wartaget		04/25/08 18:30 CST		0	Source: Emergency Manager

Flash flooding due to heavy rains resulted in washed-out gravel shoulders and driveways on Durwards Glen Road along a creek that eventually crosses STH 78.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
AUK COUNTY 5.3 N MERRIMAC	[43.45, -89.61], 5.3 N MERRIMAC [43.45,	-89.60], 5.2 N ME	RRIMAC [43.44, -8	89.60], 5.2 N MERRIMAC [43.44,
,	04/25/08 16:05 CST		10K	Flash Flood (due to Heavy Rain)
	04/25/08 18:30 CST		0	Source: Emergency Manager
-	shoulders of roads and driveways and departers of a small creek near the county line		h and mud debris v	which temporarily closed Durwards
REEN LAKE COUNTY 3.0 SW PF	RINCETON [43.82, -89.16], 4.0 NE PRINCE	ETON [43.89, -89.	-	
	04/25/08 16:06 CST		0	Hail (0.88 in)
	04/25/08 16:15 CST		0	Source: Post Office
DLUMBIA COUNTY 2.8 ESE DEF	CORRA [43.46, -89.42], 3.6 N FRIESLAND	[43.63, -89.07]		
	04/25/08 16:18 CST	,	0.60M	Tornado (EF1, L: 21.09 mi , W: 75 yd)
	04/25/08 16:44 CST		0	Source: Amateur Radio
st north of Patchin Road. It then mo curred. Thereafter, this tornado trad d eventually exited Columbia Count ke County. Based on ground dama	Lake. It then tracked east-northeast through the intersection of CTH G and cked more northeast through rural areas (or ty just east of North County Line Road and age evidence, this tornado briefly "lifted" a cena. Otherwise the rural damage consistence.	d W. Hill Road, who crossing STH 33 red Sterk Road. It concouple times whe	nere the last struct midway between C ontinued for a few n it was north of S	ural damage to a couple barns and home Cunningham Road and Englehart Road), more miles through southeastern Green TH 33. Most of the structural damage
amage. Additionally, 2 farm building amage totaled about \$550,000 (excl he Sheriff's Office had to close down tt-long pairs of numbers for this torna	nagement situation report indicated that 4 s had minor damage, 2 suffered major dar uding electrical line damage). Public sector 4 roads until power lines and trees could do segment in Columbia County include:	mage, and 3 were or debris clearanc be cleared. Elect N43.46179/W89.4	e destroyed. The re e totaled \$3500, al trical line replacem 11637, N43.49223/	eport estimated that private sector nd protective measures totaled \$1000. lent is estimated at about \$50,000. The /W89.27809, N43.54813/W89.18491, and
amage. Additionally, 2 farm building amage totaled about \$550,000 (exclusion he Sheriff's Office had to close down t-long pairs of numbers for this tornates 43.63221/W89.06693. On the EF-senots).	s had minor damage, 2 suffered major dar uding electrical line damage). Public sector if 4 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of	mage, and 3 were or debris clearanc be cleared. Elect N43.46179/W89.4	e destroyed. The re e totaled \$3500, al trical line replacem 11637, N43.49223/	eport estimated that private sector nd protective measures totaled \$1000. lent is estimated at about \$50,000. The /W89.27809, N43.54813/W89.18491, and
amage. Additionally, 2 farm building amage totaled about \$550,000 (exclusione Sheriff's Office had to close down telong pairs of numbers for this tornates 43.63221/W89.06693. On the EF-sunots).	s had minor damage, 2 suffered major dar uding electrical line damage). Public sector if 4 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of	mage, and 3 were or debris clearanc be cleared. Elect N43.46179/W89.4	e destroyed. The re e totaled \$3500, al trical line replacem 11637, N43.49223/	eport estimated that private sector nd protective measures totaled \$1000. lent is estimated at about \$50,000. The /W89.27809, N43.54813/W89.18491, and
amage. Additionally, 2 farm building amage totaled about \$550,000 (excluse Sheriff's Office had to close down though a pairs of numbers for this torna 43.63221/W89.06693. On the EF-scrots).	s had minor damage, 2 suffered major dar uding electrical line damage). Public sector of 4 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of	mage, and 3 were or debris clearanc be cleared. Elect N43.46179/W89.4	destroyed. The re e totaled \$3500, ai trical line replacem 11637, N43.49223/ ng of EF1 and an w	eport estimated that private sector nd protective measures totaled \$1000. lent is estimated at about \$50,000. The I/W89.27809, N43.54813/W89.18491, and wind estimate of about 100 mph (87
amage. Additionally, 2 farm building amage totaled about \$550,000 (excluse Sheriff's Office had to close down clong pairs of numbers for this torna 43.63221/W89.06693. On the EF-scots).	s had minor damage, 2 suffered major dar uding electrical line damage). Public sector 4 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of USH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:18 CST	mage, and 3 were or debris clearanc be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratir	destroyed. The reletotaled \$3500, and trical line replacem \$1637, N43.49223/mg of EF1 and an w	eport estimated that private sector nd protective measures totaled \$1000. lent is estimated at about \$50,000. The large representation of the representati
amage. Additionally, 2 farm building amage totaled about \$550,000 (excluse Sheriff's Office had to close down clong pairs of numbers for this torna 43.63221/W89.06693. On the EF-scots).	s had minor damage, 2 suffered major dar uding electrical line damage). Public secto 1 4 roads until power lines and trees could ado segment in Columbia County include: 1 cale, DI #1 (SBO) was used with a DOD of  USH [43.78, -88.08] 04/25/08 16:18 CST 04/25/08 16:18 CST	mage, and 3 were or debris clearanc be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratir	destroyed. The relected \$3500, and trical line replacem \$1637, N43.49223/mg of EF1 and an w	eport estimated that private sector nd protective measures totaled \$1000. lent is estimated at about \$50,000. The //W89.27809, N43.54813/W89.18491, and vind estimate of about 100 mph (87  Hail (0.75 in) Source: Post Office
amage. Additionally, 2 farm building amage totaled about \$550,000 (exclude Sheriff's Office had to close down t-long pairs of numbers for this tornational total statement (exclude the sheriff's Office had to close down t-long pairs of numbers for this tornational tornat	s had minor damage, 2 suffered major dar uding electrical line damage). Public sector 4 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of USH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:18 CST	mage, and 3 were or debris clearanc be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratir	destroyed. The reletotaled \$3500, and trical line replacem \$1637, N43.49223/mg of EF1 and an w	eport estimated that private sector nd protective measures totaled \$1000. lent is estimated at about \$50,000. The large representation of the representati
amage. Additionally, 2 farm building amage totaled about \$550,000 (exclusive Sheriff's Office had to close down at-long pairs of numbers for this tornal 143.63221/W89.06693. On the EF-sonots).  HEBOYGAN COUNTY GREENBLE COLUMBIA COUNTY 3.9 WSW WAS brief tornado spun up about 3.85 yas captured in a video tape. Only so	s had minor damage, 2 suffered major dar uding electrical line damage). Public secto 14 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of  JSH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:20 CST  04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. ale, this tornado was given a rating of EFC  RTAGE [43.58, -89.34]  04/25/08 16:22 CST	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratin ENA [43.48, -89.3 ocena just east of The starting and	destroyed. The relet totaled \$3500, and trical line replacement 1637, N43.49223/mg of EF1 and an wing of EF1	eport estimated that private sector nd protective measures totaled \$1000. nent is estimated at about \$50,000. The I/W89.27809, N43.54813/W89.18491, and vind estimate of about 100 mph (87  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It nbers are N43.47857/W89.37096 and  Hail (1.00 in)
amage. Additionally, 2 farm building amage totaled about \$550,000 (excluse Sheriff's Office had to close down tolong pairs of numbers for this tornational states of the s	s had minor damage, 2 suffered major dar uding electrical line damage). Public secto 14 roads until power lines and trees could ado segment in Columbia County include: 1 cale, DI #1 (SBO) was used with a DOD of  USH [43.78, -88.08] 04/25/08 16:18 CST 04/25/08 16:18 CST  O4/25/08 16:20 CST 04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. ale, this tornado was given a rating of EFC	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratin ENA [43.48, -89.3 ocena just east of The starting and	destroyed. The relet totaled \$3500, as trical line replacem \$1637, N43.49223/mg of EF1 and an wing of EF1 an	eport estimated that private sector and protective measures totaled \$1000. Bent is estimated at about \$50,000. The always 27809, N43.54813/W89.18491, and avind estimate of about 100 mph (87)  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It abers are N43.47857/W89.37096 and
amage. Additionally, 2 farm building amage totaled about \$550,000 (excluse Sheriff's Office had to close down at-long pairs of numbers for this torna 43.63221/W89.06693. On the EF-scitots).  HEBOYGAN COUNTY GREENBLUMBIA COUNTY 3.9 WSW What is brief tornado spun up about 3.85 as captured in a video tape. Only so 43.48060/w89.36700. On the EF-ScitoLUMBIA COUNTY 6.0 ENE POR	s had minor damage, 2 suffered major dar uding electrical line damage). Public sector 4 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of USH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:18 CST  04/25/08 16:20 CST  04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. ale, this tornado was given a rating of EFO RTAGE [43.58, -89.34]  04/25/08 16:22 CST  04/25/08 16:22 CST	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratin ENA [43.48, -89.3 ocena just east of The starting and	destroyed. The relet totaled \$3500, and trical line replacement 1637, N43.49223/mg of EF1 and an wind of the intersection of ending lat-lon num of (TH), DOD2.	eport estimated that private sector nd protective measures totaled \$1000. nent is estimated at about \$50,000. The I/W89.27809, N43.54813/W89.18491, and vind estimate of about 100 mph (87  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It nbers are N43.47857/W89.37096 and  Hail (1.00 in)
amage. Additionally, 2 farm building amage totaled about \$550,000 (excluse Sheriff's Office had to close down at-long pairs of numbers for this torna 43.63221/W89.06693. On the EF-scitots).  HEBOYGAN COUNTY GREENBLUMBIA COUNTY 3.9 WSW What is brief tornado spun up about 3.85 as captured in a video tape. Only so 43.48060/w89.36700. On the EF-ScitoLUMBIA COUNTY 6.0 ENE POR	s had minor damage, 2 suffered major dar uding electrical line damage). Public sector 4 roads until power lines and trees could ado segment in Columbia County include: I cale, DI #1 (SBO) was used with a DOD of USH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:18 CST  04/25/08 16:20 CST  04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. ale, this tornado was given a rating of EFO RTAGE [43.58, -89.34]  04/25/08 16:22 CST  04/25/08 16:22 CST	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratin ENA [43.48, -89.3 ocena just east of The starting and	destroyed. The relet totaled \$3500, and trical line replacement 1637, N43.49223/mg of EF1 and an wind of the intersection of ending lat-lon num of (TH), DOD2.	eport estimated that private sector nd protective measures totaled \$1000. nent is estimated at about \$50,000. The I/W89.27809, N43.54813/W89.18491, and vind estimate of about 100 mph (87  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It nbers are N43.47857/W89.37096 and  Hail (1.00 in)
amage. Additionally, 2 farm building amage totaled about \$550,000 (exclude Sheriff's Office had to close down t-long pairs of numbers for this torna 43.63221/W89.06693. On the EF-schots).  HEBOYGAN COUNTY GREENBUILDING TO THE STANDARD	s had minor damage, 2 suffered major dar uding electrical line damage). Public secto 14 roads until power lines and trees could 15 do segment in Columbia County include: 15 cale, DI #1 (SBO) was used with a DOD of  USH [43.78, -88.08] 04/25/08 16:18 CST 04/25/08 16:18 CST  O4/25/08 16:20 CST 04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. ale, this tornado was given a rating of EFO  RTAGE [43.58, -89.34] 04/25/08 16:22 CST 04/25/08 16:22 CST	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-ratin ENA [43.48, -89.3 ocena just east of The starting and	destroyed. The relet totaled \$3500, as trical line replacem \$1637, N43.49223/rig of EF1 and an wing of EF1 a	eport estimated that private sector and protective measures totaled \$1000. Bent is estimated at about \$50,000. The always 27809, N43.54813/W89.18491, and alwind estimate of about 100 mph (87)  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It abbers are N43.47857/W89.37096 and  Hail (1.00 in) Source: Emergency Manager
amage. Additionally, 2 farm building amage totaled about \$550,000 (exclusive Sheriff's Office had to close down t-long pairs of numbers for this torna 43.63221/W89.06693. On the EF-schots).  HEBOYGAN COUNTY GREENBUILDING TO THE SHERIFF OF THE	s had minor damage, 2 suffered major dar uding electrical line damage). Public secto 14 roads until power lines and trees could 15 do segment in Columbia County include: 15 cale, DI #1 (SBO) was used with a DOD of  USH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:18 CST  04/25/08 16:20 CST  04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. 16 ale, this tornado was given a rating of EFO  RTAGE [43.58, -89.34]  04/25/08 16:22 CST  04/25/08 16:22 CST  04/25/08 16:30 CST  04/25/08 16:30 CST	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-rating ENA [43.48, -89.3 cocena just east of The starting and 0, based on DI #27.	destroyed. The relet totaled \$3500, as trical line replacem \$1637, N43.49223/rig of EF1 and an wing of EF1 a	eport estimated that private sector and protective measures totaled \$1000. Bent is estimated at about \$50,000. The always 27809, N43.54813/W89.18491, and avind estimate of about 100 mph (87)  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It abers are N43.47857/W89.37096 and  Hail (1.00 in) Source: Emergency Manager
amage. Additionally, 2 farm building amage totaled about \$550,000 (excluse Sheriff's Office had to close down telong pairs of numbers for this torna 43.63221/W89.06693. On the EF-schots).  HEBOYGAN COUNTY GREENBLUMBIA COUNTY 3.9 WSW WAS as captured in a video tape. Only school 43.48060/w89.36700. On the EF-School Coumbia County 6.0 ENE POR OLUMBIA COUNTY 6.0 ENE POR OLUMBIA COUNTY 0.4 NW POR ghtning struck the steeple of Bethleft an hour or two earlier since other steeple and hour or two earlier since other steeples.	s had minor damage, 2 suffered major dar uding electrical line damage). Public secto 14 roads until power lines and trees could do segment in Columbia County include: 1 cale, DI #1 (SBO) was used with a DOD of  JSH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:20 CST  04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. ale, this tornado was given a rating of EFO  RTAGE [43.55, -89.46]  04/25/08 16:22 CST  04/25/08 16:30 CST  04/25/08 16:30 CST  04/25/08 16:30 CST  under the control of the collage of collage of control of the collage of collage	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-rating ENA [43.48, -89.3 cocena just east of The starting and 0, based on DI #27.	destroyed. The relet totaled \$3500, as trical line replacem \$1637, N43.49223/rig of EF1 and an wing of EF1 a	eport estimated that private sector and protective measures totaled \$1000. alent is estimated at about \$50,000. The alent is estimated of about 100 mph (87)  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It albers are N43.47857/W89.37096 and  Hail (1.00 in) Source: Emergency Manager  Lightning Source: Newspaper
amage. Additionally, 2 farm building amage totaled about \$550,000 (exclusionally paramage) (excl	s had minor damage, 2 suffered major dar uding electrical line damage). Public secto 14 roads until power lines and trees could do segment in Columbia County include: 1 cale, DI #1 (SBO) was used with a DOD of  JSH [43.78, -88.08]  04/25/08 16:18 CST  04/25/08 16:20 CST  04/25/08 16:21 CST  miles west-southwest of the village of Wyome damage to tree branches was noted. ale, this tornado was given a rating of EFO  RTAGE [43.55, -89.46]  04/25/08 16:22 CST  04/25/08 16:30 CST  04/25/08 16:30 CST  04/25/08 16:30 CST  under the control of the collage of collage of control of the collage of collage	mage, and 3 were or debris clearance be cleared. Elect N43.46179/W89.4 f 6, for an EF-rating ENA [43.48, -89.3 cocena just east of The starting and 0, based on DI #27.	destroyed. The relet totaled \$3500, as trical line replacem \$1637, N43.49223/rig of EF1 and an wing of EF1 a	eport estimated that private sector and protective measures totaled \$1000. alent is estimated at about \$50,000. The alent is estimated of about 100 mph (87)  Hail (0.75 in) Source: Post Office  Tornado (EF0, L: 0.24 mi , W: 25 yd) Source: Trained Spotter  If Dunning Road and Patchin Road. It albers are N43.47857/W89.37096 and  Hail (1.00 in) Source: Emergency Manager  Lightning Source: Newspaper

SHEBOYGAN COUNTY --- 4.0 ENE ELKHART LAKE [43.85, -87.95]

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/25/08 16:35 CST		0	Hail (0.75 in)
	04/25/08 16:35 CST		0	Source: Post Office
GREEN LAKE COUNTY 0.5 S DALTON	=			
	04/25/08 16:38 CST		0	Hail (0.88 in)
	04/25/08 16:38 CST		0	Source: Emergency Manager
SHEBOYGAN COUNTY 2.0 W RANDO				
	04/25/08 16:43 CST		0	Hail (0.75 in)
	04/25/08 16:43 CST		0	Source: Post Office
GREEN LAKE COUNTY 3.8 SSW MAN		ARKESAN [43.70,	=	
	04/25/08 16:44 CST		0	Tornado (EF0, L: 7.08 mi , W: 30 yd)
	04/25/08 16:54 CST		0	Source: NWS Storm Survey
This tornado segment is a continuation of entered Green Lake County at the intersect cortheast to a point 1.85 miles southeast on is tornado affected only rural areas, and numbers for this tornado segment in Green EF-Scale, based on a DI #27, DOD2, with	ction of North County Line Road and of Markesan on the Grand River near only intermitent tree branch damage in Lake County were N43.63221/W89	Proscarian Road the southwestern was noted in a N	(3.78 miles south-s intersection of CTI WS storm survey.	outhwest of Manchester) and tracked H A and CTH S. In Green Lake County, The beginning and ending lat-lon
GREEN LAKE COUNTY KINGSTON [4:	3.70, -89.12]			
	04/25/08 16:47 CST		0	Hail (1.00 in)
	04/25/08 16:47 CST		0	Source: Emergency Manager
OODGE COUNTY 1.0 N WATERTOWN	[43.21, -88.72] 04/25/08 16:48 CST 04/25/08 16:48 CST		0	Hail (1.00 in) Source: Trained Spotter
GREEN LAKE COUNTY 3.5 E GREEN			_	
	04/25/08 17:01 CST		0	Hail (1.00 in)
	04/25/08 17:01 CST		0	Source: Public
OND DU LAC COUNTY RIPON [43.83	, -88.83]			
	04/25/08 17:02 CST		0	Hail (0.88 in)
	04/25/08 17:05 CST		0	Source: Trained Spotter
VASHINGTON COUNTY 2.2 W KOHLS			0	· · · ·
VASHINGTON COUNTY 2.2 W KOHLS			0	· · · ·
VASHINGTON COUNTY 2.2 W KOHLS	SVILLE [43.47, -88.36]			Source: Trained Spotter
	6VILLE [43.47, -88.36] 04/25/08 17:07 CST 04/25/08 17:07 CST		0	Source: Trained Spotter  Hail (0.88 in)
	6VILLE [43.47, -88.36] 04/25/08 17:07 CST 04/25/08 17:07 CST		0	Source: Trained Spotter  Hail (0.88 in)
	6VILLE [43.47, -88.36] 04/25/08 17:07 CST 04/25/08 17:07 CST , -88.22]		0 0	Source: Trained Spotter  Hail (0.88 in)  Source: Public
NAUKESHA COUNTY SUSSEX [43.13	04/25/08 17:07 CST 04/25/08 17:07 CST 04/25/08 17:07 CST , -88.22] 04/25/08 18:00 CST 04/25/08 18:00 CST		0 0	Source: Trained Spotter  Hail (0.88 in) Source: Public  Thunderstorm Wind (EG 52 kt)
NAUKESHA COUNTY SUSSEX [43.13  Powerful thunderstorm winds uprooted tre	04/25/08 17:07 CST 04/25/08 17:07 CST 04/25/08 17:07 CST , -88.22] 04/25/08 18:00 CST 04/25/08 18:00 CST es and flipped over lawn furniture.	3.151	0 0	Source: Trained Spotter  Hail (0.88 in) Source: Public  Thunderstorm Wind (EG 52 kt)
VAUKESHA COUNTY SUSSEX [43.13 Powerful thunderstorm winds uprooted tre	04/25/08 17:07 CST 04/25/08 17:07 CST 04/25/08 17:07 CST , -88.22] 04/25/08 18:00 CST 04/25/08 18:00 CST es and flipped over lawn furniture.	8.15]	0 0	Source: Trained Spotter  Hail (0.88 in) Source: Public  Thunderstorm Wind (EG 52 kt)
WASHINGTON COUNTY 2.2 W KOHLS  WAUKESHA COUNTY SUSSEX [43.13  Powerful thunderstorm winds uprooted tre  WAUKESHA COUNTY DOUSMAN [43.	04/25/08 17:07 CST 04/25/08 17:07 CST 04/25/08 17:07 CST , -88.22] 04/25/08 18:00 CST 04/25/08 18:00 CST es and flipped over lawn furniture.	3.15]	0 0 1K 0	Source: Trained Spotter  Hail (0.88 in) Source: Public  Thunderstorm Wind (EG 52 kt) Source: Trained Spotter
VAUKESHA COUNTY SUSSEX [43.13  Powerful thunderstorm winds uprooted tre  VAUKESHA COUNTY DOUSMAN [43.	04/25/08 17:07 CST 04/25/08 17:07 CST 04/25/08 17:07 CST  , -88.22] 04/25/08 18:00 CST 04/25/08 18:00 CST es and flipped over lawn furniture.  02, -88.47], BROOKFIELD [43.07, -86, 04/25/08 18:15 CST 04/25/08 18:30 CST		0 0 1K 0	Source: Trained Spotter  Hail (0.88 in) Source: Public  Thunderstorm Wind (EG 52 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt) Source: Unknown
Powerful thunderstorm winds uprooted tre  VAUKESHA COUNTY DOUSMAN [43.  Powerful thunderstorm winds uprooted tre	04/25/08 17:07 CST 04/25/08 17:07 CST 04/25/08 17:07 CST  , -88.22] 04/25/08 18:00 CST 04/25/08 18:00 CST es and flipped over lawn furniture.  02, -88.47], BROOKFIELD [43.07, -86, 04/25/08 18:15 CST 04/25/08 18:30 CST es and broken branches fell onto power services.		0 0 1K 0	Source: Trained Spotter  Hail (0.88 in) Source: Public  Thunderstorm Wind (EG 52 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt) Source: Unknown
VAUKESHA COUNTY SUSSEX [43.13  Powerful thunderstorm winds uprooted tre	04/25/08 17:07 CST 04/25/08 17:07 CST 04/25/08 17:07 CST  , -88.22] 04/25/08 18:00 CST 04/25/08 18:00 CST es and flipped over lawn furniture.  02, -88.47], BROOKFIELD [43.07, -86, 04/25/08 18:15 CST 04/25/08 18:30 CST es and broken branches fell onto power services.		0 0 1K 0	Source: Trained Spotter  Hail (0.88 in) Source: Public  Thunderstorm Wind (EG 52 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt) Source: Unknown

Lightning struck a home and resulted in a fire that extensively damaged the roof and 2nd story.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

SHEBOYGAN COUNTY --- 0.7 NNW WALDO [43.68, -87.96], 0.8 N WALDO [43.68, -87.95], 0.6 N WALDO [43.68, -87.95], 0.5 NNW WALDO [43.68, -87.95]

-87.95]

 04/25/08 19:00 CST
 10K
 Flash Flood (due to Heavy Rain)

 04/25/08 20:00 CST
 0
 Source: Law Enforcement

Heavy rains due to training thunderstorms resulted in brief flash flooding in on the northwest side of Waldo. There were gravel shoulder washouts and mud deposits on roads near a creek that feeds into Waldo Mill Pond. Water depths on roads were at least 6 inches.

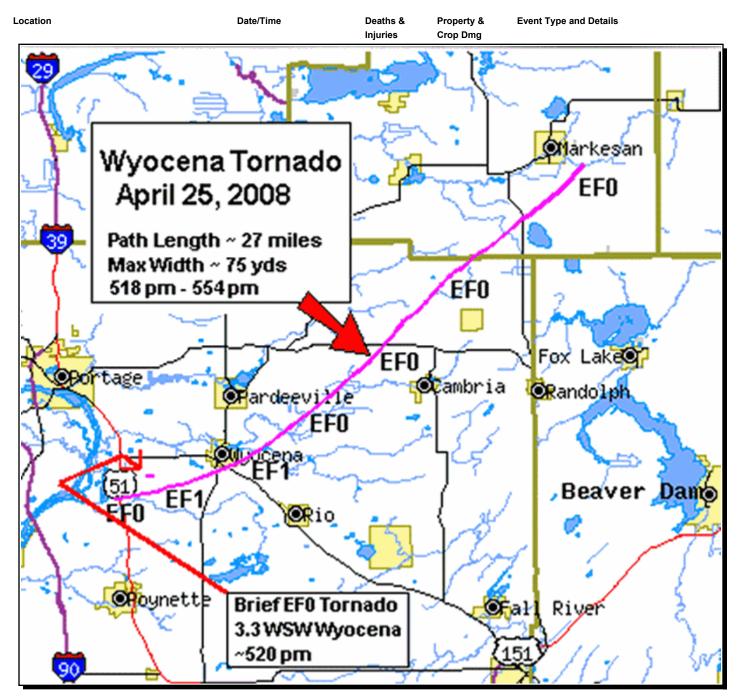
WASHINGTON COUNTY --- 0.4 WSW BOLTONVILLE [43.53, -88.11], 0.2 SE BOLTONVILLE [43.53, -88.10], 0.4 S BOLTONVILLE [43.52, -88.10], 0.5 SW BOLTONVILLE [43.52, -88.11]

04/25/08 19:00 CST 10K Flash Flood (due to Heavy Rain) 04/25/08 20:00 CST 0 Source: Law Enforcement

Heavy rains due to training thunderstorms resulted in brief flash flooding in Boltonville. There were gravel shoulder washouts and mud deposits on roads near Stoney Creek.

The first widespread severe weather outbreak to affect south-central and southeast Wisconsin occurred on April 25th. It consisted of mostly large hail up to 1.25 inches in diameter, a couple damaging, straight-line wind reports, two tornadoes in Columbia County, and scattered flash flooding due to heavy rains and traning thunderstorm cells. Additionally, lightning struck several buildings and started fires that left damage. Many power outages were reported thanks to tree branches snapping power lines, and up to 11,000 customers in southern Wisconsin lost power for varying time periods. Synoptically, low pressure over southeast Minnesota moved northeast with a trailing cold front. Just ahead of the cold front was found strong warm air advection and moisture advection associated with a low-level jet. Surface dewpoints poked into the mid to upper 60s ahead of the cold front while a favorable jet stream pattern existed

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Locations and paths of tornadoes in Columbia and Green Lake Counties.

(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA Strong Wind (MAX 45 kt)

04/26/08 13:00 CST 60K

04/26/08 18:00 CST

Strong southwest winds gusting to 39 to 45 knots (45 to 52 mph) raked southeast Wisconsin. Scattered power outages occurred due to broken limbs falling on power lines. Synoptically, low pressure moved northeast through the western tip of Lake Superior. Behind the trailing cold front a tight, surface pressure gradient formed, resulting in strong surface winds. Up at the 850 mb level (roughly 5,000 feet above the ground), wind speeds increased to 45 knots (52 mph).

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Deaths &

Property &

**Event Type and Details** 

Date/Time

Location

	24.0.10	Injuries	Crop Dmg	
VISCONSIN, Southeast				
OCK COUNTY 3.0 SE CLINTON [42.5	4 90 921			
OCK COUNTY 3.0 SE CLINTON [42.5	05/02/08 17:10 CST		0.10K	Thunderstorm Wind (EG 56 kt)
	05/02/08 17:10 CST		0	Source: Post Office
owerful straight-line winds and brief heav	ry rains uprooted some trees and damage	ed a mailbox.		
ALWORTH COUNTY 2.0 NNE LAKE			101/	Lightning
	05/02/08 17:30 CST 05/02/08 17:30 CST		10K 0	Lightning Source: Emergency Manager
lightning strike caused a house fire to the			U	Source. Emergency Manager
g. talling called caucou a neaccility to the				
ZAUKEE COUNTY 2.0 NW GRAFTON			_	
	05/02/08 18:30 CST		0	Hail (0.75 in)
	05/02/08 18:30 CST		0	Source: Public
addition to the hail, wind gusts were in the	he 35 to 43 knot range (40 to 50 mph), re	esulting in some	e broken small bra	anches.
ynoptically, low pressure moved northe	st Wisconsin with large hail and strong east through the La Crosse area while a tures reached the 70s while surface dev	warm front p	ushed north to a l	Marquette to Sheboyban
DWA COUNTY 4.0 NW RIDGEWAY [4:	3.04, -90.04]			
	05/25/08 17:25 CST		0	Hail (0.75 in)
	05/25/08 17:25 CST		0	Source: Post Office
ANE COUNTY 1.0 N MAZOMANIE [43	3.1889.781. ROXBURY [43.2589.67]			
	05/25/08 17:43 CST		0.12M	Thunderstorm Wind (EG 56 kt)
	05/25/08 17:50 CST		0	Source: Law Enforcement
owerful thunderstorm straight-line winds	toppled trees which then pulled down por	wer lines.		
DWA COUNTY 4.0 ENE REWEY [42.8]	7, -90.33]			
•	05/25/08 19:25 CST		0	Hail (0.75 in)
	05/25/08 19:25 CST		0	Source: Post Office
AFAYETTE COUNTY BELMONT [42.7	73, -90.33], 1.0 W DARLINGTON [42.68, -	-90.14]		
	05/25/08 19:30 CST		0	Thunderstorm Wind (EG 56 kt)
	05/25/08 19:42 CST		0	Source: Public
owerful thunderstorm straight-line winds	toppled trees. Hail of 1/4 inch to 1/2 inch	in diameter ad	companied the wi	inds.
AFAYETTE COUNTY 3.0 S BENTON	[42.53, -90.38]			
	05/25/08 20:05 CST		0	Hail (1.00 in)
	05/25/08 20:05 CST		0	Source: Law Enforcement
ph). Synoptically, the storms resulted rough central Minnesota. Maximum da	central Wisconsin wiht large hail and po from a warm front pushing north throu aytime temperatures reached the lower urface dewpoints peaked in the upper 50	gh the area wh 80s - the 1st ti	nile low pressure me southern Wis	moved norhteast consin had experienced
VAUKESHA COUNTY GENESEE [42.9	95, -88.35]			
•	05/30/08 18:00 CST		0.20M	Lightning
	05/00/00 40 00 007		•	0 11

Lightning struck a nearly 100-year-old church in/near Genessee on State Highway 83, and the resultant fire destroyed the structure. The time of this event andn damage amount are broad estimates.

05/30/08 18:00 CST

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Source: Newspaper

Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

Low pressure moved northeast through the Northern Plains while a cold front pushed southeast across Wisconsin. Pre-frontal showers and scattered storms moved northeast through southern Wisconsin during the afternoon and evening hours. Lightning accompanied the storms.

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Deaths &

Property &

**Event Type and Details** 

Date/Time

Location

Injuries Crop Dmg **LAKE MICHIGAN** WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 38.5 ESE RACINE [42.58, -87.07] 06/05/08 08:14 CST 0 Marine Thunderstorm Wind (MG 36 kt) 06/05/08 08:14 CST 0 Source: Buoy A thunderstorm complex moved east along a warm front and moved over the near shore waters of Lake Michigan during the mid-morning hours. NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88] 06/06/08 12:05 CST 0 Marine Thunderstorm Wind (MG 38 kt) 06/06/08 12:05 CST O Source: Other Federal Agency WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81] 06/06/08 13:10 CST 0 Marine Thunderstorm Wind (MG 36 kt) 06/06/08 13:10 CST O Source: Official NWS Observations NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88] 06/06/08 13:25 CST 0 Marine Thunderstorm Wind (MG 34 kt) 06/06/08 13:25 CST 0 Source: Other Federal Agency WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81] 06/06/08 14:30 CST 0 Marine Thunderstorm Wind (MG 42 kt) 0 Source: Official NWS Observations 06/06/08 14:30 CST WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81] 06/06/08 16:40 CST 0 Marine Thunderstorm Wind (MG 37 kt) 06/06/08 16:40 CST 0 Source: Official NWS Observations NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88] 06/06/08 16:45 CST n Marine Thunderstorm Wind (MG 35 kt) 06/06/08 16:45 CST 0 Source: Other Federal Agency A upper-level impulse and surface trough moved through southern Wisconsin producing thunderstorms. The resultant thunderstorms moved out over Lake Michigan and produced strong winds. SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69] 06/07/08 16:31 CST 0 Marine Thunderstorm Wind (MG 37 kt) 06/07/08 16:31 CST 0 Source: C-MAN Station NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88] 06/07/08 16:45 CST 0 Marine Thunderstorm Wind (MG 34 kt) 06/07/08 16:45 CST 0 Source: Other Federal Agency WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 3.5 NE RACINE [42.76, -87.75] 06/07/08 17:09 CST n Marine Thunderstorm Wind (EG 37 kt) 06/07/08 17:09 CST 0 Source: Public WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 38.8 ESE RACINE [42.58, -87.06] 06/07/08 18:38 CST 0 Marine Thunderstorm Wind (MG 39 kt) 06/07/08 18:38 CST 0 Source: Buoy SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69] 06/07/08 20:33 CST Marine Thunderstorm Wind (MG 39 kt) n 06/07/08 20:33 CST Source: C-MAN Station

A slow-moving boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period. A strengthening low level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The resultant thunderstorms moved out over	Lake Michigan and produced	strong winds.		
NORTH PT LT TO WIND PT WI COUNTY 1.5				
	06/08/08 10:25 CST		0	Marine Thunderstorm Wind (EG 40 kt)
	06/08/08 10:25 CST		0	Source: Public
NORTH PT LT TO WIND PT WI COUNTY 3.5	SE NORTH POINT LTHOUSE	[43.05, -87.88]		
	06/08/08 10:25 CST		0	Marine Thunderstorm Wind (MG 39 kt)
	06/08/08 10:25 CST		0	Source: Other Federal Agency
WIND PT LT WI TO WINTHROP HBR IL COUNT	TY 3.5 NE RACINE [42.76, -8	37.751		
	06/08/08 11:19 CST	•	0	Marine Thunderstorm Wind (EG 35 kt)
	06/08/08 11:19 CST		0	Source: Public
	00/00/00 11:10 001		· ·	000,00.1 05,00
SHEBOYGAN TO PT WASHINGTON WI COUN	-	75, -87.69]	0	Marine Thursdaysters Mind (MO CC )
	06/08/08 17:49 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	06/08/08 17:49 CST		0	Source: C-MAN Station
NORTH PT LT TO WIND PT WI COUNTY 1.5	E CUDAHY [42.95, -87.82]			
	06/08/08 19:04 CST		0	Marine Thunderstorm Wind (EG 35 kt)
	06/08/08 19:04 CST		0	Source: Public
WIND PT LT WI TO WINTHROP HBR IL COUNT	TY 3.5 NE RACINE [42.768	37.751		
	06/08/08 19:28 CST	•	0	Marine Thunderstorm Wind (EG 36 kt)
	06/08/08 19:28 CST		0	Source: Public
SHEBOYGAN TO PT WASHINGTON WI COUN	TY 1.4 E SHEBOYGAN [43.7 06/12/08 17:53 CST	75, -87.69]	0	Marine Thunderstorm Wind (MG 54 kt)
				• • •
	06/12/08 17:53 CST		0	Source: C-MAN Station
NORTH PT LT TO WIND PT WI COUNTY 3.5	SE NORTH POINT LTHOUSE	[43.05, -87.88]		
	06/12/08 20:35 CST		0	Marine Thunderstorm Wind (MG 49 kt)
	06/12/08 20:45 CST		0	Source: Other Federal Agency
A warm front pushed into southern Wisconsir thunderstorms and heavy rainfall. The resulta	- · ·	-		_
NORTH PT LT TO WIND PT WI COUNTY 3.5	SE NORTH POINT LTHOUSE 06/14/08 16:35 CST	[43.05, -87.88]	0	Marine Thunderstorm Wind (MG 49 kt)
				• • •
	06/14/08 16:35 CST		0	Source: Other Federal Agency
SHEBOYGAN TO PT WASHINGTON WI COUN	TY 1.4 E SHEBOYGAN [43.7	75, -87.69]		
	06/14/08 17:11 CST		0	Marine Thunderstorm Wind (MG 46 kt)
	06/14/08 17:11 CST		0	Source: C-MAN Station
WIND PT LT WI TO WINTHROP HBR IL COUNT	TY 1.2 ENE KENOSHA [42.5	9, -87.81]		
	06/14/08 18:00 CST	-	0	Marine Thunderstorm Wind (MG 38 kt)
	06/14/08 18:20 CST		0	Source: Official NWS Observations
SHEBOYGAN TO PT WASHINGTON WI COUN	TV 1 4 F SHEROVGAN [42 7	75 -87 691		
C.LEGICAN ICI I WASHINGTON WICCON	06/14/08 18:26 CST	o, -or.ooj	0	Marine Thunderstorm Wind (MG 37 kt)
	06/14/08 18:26 CST		0	Source: C-MAN Station
	00/17/00 10.20 031		U	Godice. O-IVIAIN Glation

An upper-level impulse along with steep lapse rates produced scattered severe thunderstorms during the afternoon and evening over southern Wisconsin. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NORTH PT LT TO WIND PT WI C	OUNTY 3.5 SE NORTH POINT LTHOUSE	[43.05, -87.88]		
	06/28/08 14:30 CST		0	Marine Thunderstorm Wind (MG 39 kt)
	06/28/08 14:30 CST		0	Source: Other Federal Agency
WIND PT LT WI TO WINTHROP H	IBR IL COUNTY 1.2 ENE KENOSHA [42.5	59, -87.81]		
	06/28/08 14:30 CST		0	Marine Thunderstorm Wind (MG 53 kt)
	06/28/08 14:30 CST		0	Source: Official NWS Observations
PT WASHINGTON TO NORTH PT	LT WI COUNTY 0.6 N PORT WASHINGT	ON [43.39, -87.87]		
	06/28/08 14:40 CST		0	Marine Thunderstorm Wind (MG 45 kt)
	06/28/08 14:40 CST		0	Source: Official NWS Observations
WIND PT LT WI TO WINTHROP H	IBR IL COUNTY 37.1 E CAROL BEACH [4	42.56, -87.09]		
	06/28/08 15:12 CST		0	Marine Thunderstorm Wind (MG 38 kt)
	06/28/08 15:12 CST		0	Source: Buoy
SHEBOYGAN TO PT WASHINGT	ON WI COUNTY 1.4 E SHEBOYGAN [43.	75, -87.69]		
	06/28/08 15:15 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	06/28/08 15:15 CST		0	Source: C-MAN Station

A vigorous upper-I-evel impulse moving through Wisconsin along with steep lapse rates produced scattered severe thunderstorms. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.

ROCK COUNTY EVANSVILLE [42.7	78, -89.30], CLINTON [42.57, -88.87]		
-	06/05/08 05:00 CST	75K	Thunderstorm Wind (EG 65 kt)
	06/05/08 05:25 CST	0	Source: Law Enforcement
werful thunderstorm winds knocked	down large trees and power-lines.		
ANE COUNTY 6.0 ESE STOUGHT	FON [42.89, -89.11]		
	06/05/08 05:01 CST	0	Hail (0.75 in)
	06/05/08 05:01 CST	0	Source: Trained Spotter
OCK COUNTY MILTON [42.77, -8	8.95]		
	06/05/08 05:10 CST	0	Hail (1.00 in)
	06/05/08 05:10 CST	0	Source: NWS Employee
round covered white.			
EFFERSON COUNTY 2.0 S FT AT	KINSON [42.90, -88.85]		
	06/05/08 05:20 CST	0	Hail (0.88 in)
	06/05/08 05:20 CST	0	Source: Emergency Manager
ALWORTH COUNTY 6.0 NW DEI	_AVAN [42.69, -88.71], DELAVAN [42.63, -88.63]		
	06/05/08 05:33 CST	0	Thunderstorm Wind (MG 52 kt)
	06/05/08 05:36 CST	0	Source: Trained Spotter
owerful thunderstorm winds knocked	down a few large trees.		
KENOSHA COUNTY BRISTOL [42.	55, -88.05], 3.0 SSE BRISTOL [42.51, -88.03]		
	06/05/08 07:50 CST	20K	Thunderstorm Wind (EG 56 kt)
	06/05/08 07:57 CST	0	Source: Law Enforcement

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Deaths &

Injuries

Property &

**Crop Dmg** 

**Event Type and Details** 

Date/Time

RACINE COUNTY --- 3.2 NNW KANSASVILLE [42.72, -88.14], 2.0 SSW NORTH CAPE [42.75, -88.08]

Location

n amplifying strong short-wave trough over western U.S oist air mass into southern Wisconsin.  The resultant st	<del>-</del>	- <del>-</del>	-	
outhern Wisconsin.	orms constituted the 1st d	ay of 4 Straight days wit	n severe storms over	
VALWORTH COUNTY GENOA CITY [42.50, -88.33]				
06/06/0	08 12:45 CST	10K	Thunderstorm Wind (EG 50 kt)	
06/06/0	08 12:54 CST	0	Source: Emergency Manager	
Powerful thunderstorm winds knocked down a few large tree	es and powerlines.			
ROCK COUNTY 3.0 SE MILTON [42.74, -88.91]				
06/06/0	08 13:10 CST	0	Thunderstorm Wind (EG 50 kt)	
06/06/0	08 13:10 CST	0	Source: Law Enforcement	
Powerful thunderstorm winds knocked down a few large tree	es.			
RACINE COUNTY 1.0 S STURTEVANT [42.69, -87.90]				
06/06/0	08 13:25 CST	0	Funnel Cloud	
06/06/0	08 13:25 CST	0	Source: Trained Spotter	
JEFFERSON COUNTY PALMYRA [42.88, -88.60]				
	08 13:30 CST	0	Thunderstorm Wind (EG 50 kt)	
06/06/0	08 13:30 CST	0	Source: Law Enforcement	
Powerful thunderstorm winds knocked down a few large tree	<del>2</del> S.			
NAUKESHA COUNTY 4.0 NW EAGLE [42.92, -88.53]				
06/06/0	08 13:35 CST	0	Thunderstorm Wind (EG 50 kt)	
		U	manacistomi vina (EO 00 kt)	
06/06/0	08 13:35 CST	0	Source: Law Enforcement	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60]  06/06/0	os in the vicinity of CTH Z a  l 13:35 CST	0 on	Source: Law Enforcement  Hail (0.75 in)	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60]  06/06/0	os in the vicinity of CTH Z a	0 and N.	Source: Law Enforcement	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60]  06/06/0	28 13:35 CST 28 in the vicinity of CTH Z a 28 13:38 CST 28 13:38 CST	0 ond N. 0 o	Source: Law Enforcement  Hail (0.75 in)	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60]  06/06/0  06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1	08 13:35 CST es in the vicinity of CTH Z a  1 08 13:38 CST 08 13:38 CST	0 ond N. 0 o	Source: Law Enforcement  Hail (0.75 in)	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60]  06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1  06/06/06	28 13:35 CST 28 in the vicinity of CTH Z a 29 20 21 20 21 22 23 24 25 26 27 28 28 29 20 20 21 21 22 20 20 20 20 20 20 20 20 20 20 20 20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in)  Source: Trained Spotter	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60]  06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1  06/06/06	28 13:35 CST 28 in the vicinity of CTH Z a  29 20 20 21 20 21 20 21 20 21 21 21 22 21 21 22 21 22 21 22 22 23 24 25 26 27 28 28 21 21 22 22 23 24 25 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0	os in the vicinity of CTH Z a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school  RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27]	os in the vicinity of CTH Z a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school  RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27] 06/06/06	os in the vicinity of CTH Z a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school  RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27] 06/06/06	28 13:35 CST 28 in the vicinity of CTH Z a 29 in the vicinity of CTH Z a 20 21 22 22 22 22 22 22 22 22 22 22 22 22	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at  Thunderstorm Wind (EG 50 kt)	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60]  06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1  06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school  RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27]  06/06/0	28 13:35 CST 28 in the vicinity of CTH Z a 29 in the vicinity of CTH Z a 20 21 22 22 22 22 22 22 22 22 22 22 22 22	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at  Thunderstorm Wind (EG 50 kt)	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0 06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27] 06/06/0 06/06/0  Powerful thunderstorm winds knocked down a few large tree  NAUKESHA COUNTY 1.0 W LANNON [43.15, -88.19]	28 13:35 CST 28 in the vicinity of CTH Z a 29 in the vicinity of CTH Z a 20 21 22 22 22 22 22 22 22 22 22 22 22 22	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at  Thunderstorm Wind (EG 50 kt)	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27] 06/06/0  Powerful thunderstorm winds knocked down a few large tree  NAUKESHA COUNTY 1.0 W LANNON [43.15, -88.19] 06/06/0	28 13:35 CST 28 in the vicinity of CTH Z a 29 in the vicinity of CTH Z a 20 12 13:38 CST 20 20 21 23:38 CST 20 21 23:40 CST 20 21 23:40 CST 20 22 23:40 CST 20 23 24:40 CST 20 25 26:40 CST 20 26:40 CST	0 o 0 0 59, -88.42] 25K 0 e fell on a vehicle and dar	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at  Thunderstorm Wind (EG 50 kt) Source: Other Federal Agency	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27] 06/06/0  Powerful thunderstorm winds knocked down a few large tree  NAUKESHA COUNTY 1.0 W LANNON [43.15, -88.19] 06/06/0	28 13:35 CST 28 in the vicinity of CTH Z a 29 in the vicinity of CTH Z a 20 13:38 CST 20 25 LAKE GENEVA [42.5] 20 26 13:40 CST 20 27 28 14:00 CST 20 28 13:45 CST 20 28 13:45 CST 20 28 13:53 CST 20 28 13:53 CST 20 28 13:53 CST	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at  Thunderstorm Wind (EG 50 kt) Source: Other Federal Agency	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0  Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27] 06/06/0  Powerful thunderstorm winds knocked down a few large tree  NAUKESHA COUNTY 1.0 W LANNON [43.15, -88.19] 06/06/0	28 13:35 CST 28 in the vicinity of CTH Z a 29 in the vicinity of CTH Z a 20 12 13:38 CST 20 13:38 CST 20 13:40 CST 20 14:00 CST 20 25 26 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at  Thunderstorm Wind (EG 50 kt) Source: Other Federal Agency	
Powerful thunderstorm winds knocked down a few large tree  NALWORTH COUNTY 1.0 S WALWORTH [42.52, -88.60] 06/06/0 06/06/0  NALWORTH COUNTY WILLIAMS BAY [42.58, -88.53], 1 06/06/0 06/06/0 Powerful thunderstorm winds knocked down a few large tree Badger High School, part of the Milwuakee TV-6 WITI school RACINE COUNTY 1.0 S BOHNERS LAKE [42.62, -88.27] 06/06/0 06/06/0 Powerful thunderstorm winds knocked down a few large tree  NAUKESHA COUNTY 1.0 W LANNON [43.15, -88.19] 06/06/0 06/06/0 Powerful thunderstorm winds knocked down a few large tree  RACINE COUNTY 2.0 SSE WATERFORD [42.74, -88.20]	28 13:35 CST 28 in the vicinity of CTH Z a 29 in the vicinity of CTH Z a 20 12 13:38 CST 20 13:38 CST 20 13:40 CST 20 14:00 CST 20 25 26 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement  Hail (0.75 in) Source: Trained Spotter  Thunderstorm Wind (MG 63 kt) Source: Broadcast Media  maged it. the wind gust was measured at  Thunderstorm Wind (EG 50 kt) Source: Other Federal Agency	

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Deaths &

Property &

**Event Type and Details** 

Date/Time

Location

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/06/08 13:58 CST	<b>,</b>	20K	Tornado (EF0, L: 3.37 mi , W: 50 yd)
	06/06/08 14:02 CST		0	Source: Storm Chaser
This rural tornado damaged a few trees and southeast of the intersection of CTH A and (additional additional a	Cox Road and moved northeast ac	ross STH 75 about	t 1/2 mile east of N	•
RACINE COUNTY 2.0 SE BURLINGTON	[42.65, -88.24]			
	06/06/08 14:00 CST		0	Hail (0.88 in)
	06/06/08 14:00 CST		0	Source: Other Federal Agency
RACINE COUNTY 7.0 WNW UNION GRO	OVE [42.72, -88.18], 3.0 NW UNION	GROVE [42.71, -8	38.09]	
	06/06/08 14:00 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:05 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked dowr	n a few large trees.			
WAUKESHA COUNTY 1.0 W LANNON [-	43.15, -88.19]			
_	06/06/08 14:04 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:04 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked dowr	n a few large trees.			
RACINE COUNTY 2.0 NNW KANSASVIL				
	06/06/08 14:05 CST		0	Hail (0.75 in)
	06/06/08 14:05 CST		0	Source: Other Federal Agency
RACINE COUNTY 2.0 NW FRANKSVILL	E [42.77, -87.95]			
	06/06/08 14:15 CST		0	Funnel Cloud
	06/06/08 14:15 CST		0	Source: Law Enforcement
MILWAUKEE COUNTY OAK CREEK [42	.87, -87.87]			
•	06/06/08 14:20 CST		25K	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:20 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked dowr	n a few large trees and powerlines.			
RACINE COUNTY 3.0 NNE STURTEVAN	IT [42.74, -87.88]			
	06/06/08 14:30 CST		0	Funnel Cloud
	06/06/08 14:30 CST		0	Source: Trained Spotter
RACINE COUNTY 2.0 NNW KANSASVIL	LE [42.71, -88.14], 2.3 SSW KANS	ASVILLE [42.65, -	88.14]	
	06/06/08 14:52 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:57 CST		0	Source: Other Federal Agency
Powerful thunderstorm winds knocked dowr	n a few large trees.			
RACINE COUNTY UNION GROVE [42.68	•			
	06/06/08 16:00 CST		0	Thunderstorm Wind (MG 52 kt)
	06/06/08 16:00 CST		0	Source: Public
Powerful thunderstorm winds knocked dowr	n a few large trees.			
	07 001			
RACINE COUNTY RACINE JCT [42.53, -	07.02]			
RACINE COUNTY RACINE JCT [42.53, -	06/06/08 16:15 CST		75K	Thunderstorm Wind (EG 56 kt)

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An upper-level impulse and surface trough moved through southern Wisconsin producing thunderstorms. There was sufficient instability and vertical wind shear to product a number of funnel clouds and one tornado on top of many large hail and damaging

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
nunderstorm winds.				
SAUK COUNTY 2.0 NW LA VALLE	[43.60, -90.16], REEDSBURG [43.53, -9	90.00]		
	06/07/08 12:30 CST		25K	Thunderstorm Wind (EG 65 kt)
	06/07/08 12:41 CST		0	Source: Trained Spotter
Powerful thunderstorm winds knocked	down large trees and power-lines.			
COLUMBIA COUNTY WISCONSIN	DELLS [43.63, -89.77]			
	06/07/08 12:50 CST		30K	Thunderstorm Wind (EG 65 kt)
	06/07/08 13:00 CST		0	Source: Trained Spotter
owerful thunderstorm winds knocked	down large trees and power-lines, and	also knocked over	a temporary canop	y.
MARQUETTE COUNTY 2.7 NNW B	RIGGSVILLE [43.69, -89.60], 1.7 NE BR	RIGGSVILLE [43.67	7, -89.56]	
	06/07/08 12:59 CST		0.30M	Tornado (EF1, L: 2.20 mi , W: 100 yd)
	06/07/08 13:05 CST		50K	Source: Emergency Manager
as 43.66950/-89.56055. DI#1 (SBO)		Average path widt		
	06/07/08 13:10 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/07/08 13:10 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked	down large trees and power-lines.			
COLUMBIA COUNTY PARDEEVILL	LE [43.53, -89.28]			
	06/07/08 13:14 CST		0	Thunderstorm Wind (MG 63 kt)
	06/07/08 13:14 CST		0	Source: Mesonet
COLUMBIA COUNTY 0.4 W PORTA	AGE [43.55, -89.46], 6.0 N PORTAGE [4	3.64, -89.45]		
	06/07/08 13:20 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/07/08 13:25 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked	down large trees and power-lines.			
	) [43.48, -89.74], 0.5 SW BARABOO [43	.46, -89.74], 10.0 E	SE BARABOO [43	8.41, -89.55], 10.0 ENE BARABOO
[43.53, -89.55]	06/07/08 13:20 CST		0	Flash Flood (due to Heavy Rain)
	06/07/08 16:30 CST		10K	Source: Law Enforcement
n each case, flash flooding caused ho oridges were damaged. Many vehicles Collectively, each of these 4 flash flood	I events over a 3-day period. Two of the ome and business damage as well as cro is stalled. Locations in the Baraboo Rive dis resulted in home and business dama ore, the collective breakdown is provided	op losses. Roads or Prevented the value of t	were blocked or wa considerable dama e crop losses. It wa	ashed out (STH 154 and CTH C), and age as the river crested at all-time levels. as nearly impossible to break down the
	TAGE [43.57, -89.48], 2.0 NE PORTAGE			·
	06/07/08 13:30 CST	- · •	0	Flash Flood (due to Heavy Rain)
	00/07/00 40:00 OOT		4017	0 1 5 1

flash flood events, home and business damage was reported, and there was crop damage. It was nearly impossible to break down the damages by flash flood. Therefore, the collective damage breakdown for these events is provided in the June 8th flash flood StormData entry for Columbia County.

Heavy rains resulted in a flash flood event on June 7th that allowed water to cover Interstate 90/94 near STH 78. Consequently, the Interstate had to be closed. This event was one of 3 flash flood events over parts of Columbia County on 3 separate days. Two started on June 7th, one on June 8th. In all 3

10K

06/07/08 16:30 CST

MARQUETTE COUNTY --- 2.0 SW ENDEAVOR [43.68, -89.50], 4.0 NW MONTELLO [43.84, -89.38], 2.0 SE MONTELLO [43.78, -89.29], 4.0 SE ENDEAVOR [43.66, -89.41]

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Source: Law Enforcement

Storm	Data and Unusual	Weather P	henomena -	June 2008
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/07/08 13:30 CST		8.75M	Flash Flood (due to Heavy Rain)
	06/07/08 16:30 CST		2M	Source: Emergency Manager
Heavy rains resulted in flash flooding from the Ende gravel washouts. One hundred homes were affected damage, and one home was destroyed (total of 6 m was destroyed (total of 750 thousand for all business million. There were several roads and bridges that	ed with at least some flooding. hillion for all home property los ss property losses). Crops los	. Two hundred hosses). Fifty busin	omes had minor dar esses had minor da	mage. Eighty-five homes had major amage, 10 had major damage, and 1
COLUMBIA COUNTY 0.9 ENE PARDEEVILLE [4	43.53, -89.26], 3.8 S CAMBRIA	A [43.50, -89.10]		
	06/07/08 13:32 CST		2.50M	Tornado (EF2, L: 8.63 mi , W: 3520 yd)
	06/07/08 13:50 CST	6	0.50M	Source: Law Enforcement
damage to 10, and 2 were destroyed (total resident resulted in minor damage to 20, and major damage power-lines and power-poles were either toppled or east-southeast of Pardeeville. This tree-farm loss v started just southeast of the intersection of CTH P a end just northeast of the western intersection of STI -89.26306 and 43.49556/-89.09878, respectively. A -89.17679. DI#24 (ELT), DOD4. The wind speeds of	to 2 buildings (inlcuding silos damaged. About 4000 to 60 was treated as a crop loss. Adand Pardeeville Road, and moth 146 and CTH A. The speci	s). Tens of thous: 00 trees on a tree dditionally, some oved southeastwa ific starting point umber include: 4:	ands of trees were e e farm were destroy corn and soybean of ard for about 4 miles and ending point lat 3.51603/-8922394,	uprooted or chewed-up, and many yed at a location about 3 miles crops were damaged. This tornado is and then traveled east-southeast to tylong numbers were 43.53333/43.50728/-89.20151, and 43.50208/
COLUMBIA COUNTY 4.0 N RIO [43.51, -89.23]				
	06/07/08 13:35 CST		25K	Thunderstorm Wind (EG 50 kt)
	06/07/08 13:35 CST	1	0	Source: Emergency Manager
Powerful thunderstorm winds knocked down large t	rees and power-lines. One in	ijury reported at F	Rio campground wh	en tree branches hit a person.
GREEN LAKE COUNTY DALTON [43.65, -89.20]	=			
	06/07/08 13:41 CST		25K	Thunderstorm Wind (EG 61 kt)
	06/07/08 13:41 CST		0	Source: Trained Spotter
Powerful thunderstorm wind gusts knocked down la	arge trees and power-lines.			
SAUK COUNTY 3.0 S BARABOO [43.43, -89.73]	I			
	06/07/08 13:45 CST		0	Funnel Cloud
	06/07/08 13:45 CST		0	Source: Law Enforcement
COLUMBIA COUNTY 2.0 NE FRIESLAND [43.60	0, -89.04] 06/07/08 13:50 CST		0	Funnel Cloud
	06/07/08 13:50 CST		0	Source: Public
GREEN LAKE COUNTY DALTON [43.65, -89.20]		ARKESAN [43.72	-	-
	06/07/08 14:00 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 00:00 CST		0	Source: Emergency Manager
Heavy rains resulted in flash flooding from the Dalto gravel washouts. Total home damage was about \$ Public sector damage was about \$1.02 million. The the second highest all-time high level of 16.08' on 6	626 thousand. Total business ere were several roads and br	s losses were aborders that sustain	out \$31,300, and to	tal crops losses were about \$40,000.
COLUMBIA COUNTY 2.9 NE FALL RIVER [43.4	1, -89.02], 3.1 NE FALL RIVE	R [43.41, -89.00]		
	06/07/08 14:05 CST		0	Tornado (EF0, L: 0.68 mi , W: 25 yd)

This weak tornado started in Columbia County, northeast of the village of Fall River near the county line, just northwest of the intersection of Raven Road and Hemling Road. It moved southeastward and crossed into Dodge County where a creek crosses the county line just southeast of Paul Road. Minor tree damage was noted in Columbia County. The starting and ending locations for the Columbia County segment, with respect to lat/long pairs of numbers, were 43.41413/-89.01782 and 43.41086/-89.00504. DI#27 (TH), DOD2. Wind speeds estimated at 65 mph. Average path width was about 15 yards.

0

06/07/08 14:06 CST

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Source: Amateur Radio

ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OODGE COUNTY 2.7 S LOST LAKE	[43.41, -89.00], 3.5 SSE LOST LAKE [43.	40, -88.98]		
	06/07/08 14:06 CST		0	Tornado (EF0, L: 1.50 mi , W: 25 yd)
	06/07/08 14:09 CST		0	Source: Amateur Radio
here a creek crosses the county line ab amage in Dodge County. The starting a	I in Columbia County, northeast of Fall R bout 1/2 mile north-northwest of the inters and ending locations for the Dodge Coun 27 (TH), DOD2. Wind speeds estimated	ection of STH 7 ty segment, with	3 and CTH D. Thing respect to lat/long	s tornado resulted in only minor tree g pairs of numbers, were 43.41086/
COLUMBIA COUNTY 5.8 SE CAMBR	IA [43.49, -89.02], 6.0 SE CAMBRIA [43.	49, -89.01]		
	06/07/08 14:08 CST		0	Tornado (EF0, L: 0.46 mi , W: 25 yd)
	06/07/08 14:09 CST		0	Source: Emergency Manager
columbia County. The starting and endi nd 43.49473/-89.00625. DI#28 (TS), D	crossed into Dodge County where Beave ng locations for the Columbia County seg OD2. Wind speeds estimated at 75 mph NDOLPH [43.49, -89.01], 2.0 ENE SOUT	gment, with resp . Average path	ect to lat/long pairs width was about 1	s of numbers, were 43.49298/-89.01509
	06/07/08 14:09 CST		0.20M	Tornado (EF1, L: 2.42 mi , W: 75 yd)
	06/07/08 14:14 CST		0.10M	Source: Emergency Manager
ne county line. It moved east-northeast n Dodge County, a home was damaged rranched broken off. Also, some corn a	olumbia County, about 6 miles southeast to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st. 173/-89.00625 and 43.50617/-88.96057.	et approach to Forton to	takes Bay. It then on was knocked off. and locations for the	Many large trees were uprooted and Dodge County segment, with respect
ne county line. It moved east-northeast in Dodge County, a home was damaged branched broken off. Also, some corn at a lat/long pairs of numbers, were 43.494 width of the Dodge County segment was	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057.	et approach to F top part of a sild tarting and endi DI#1 (SBO), DO	takes Bay. It then on was knocked off.  In glocations for the	dissipated over the middle of Rakes Bay.  Many large trees were uprooted and  Dodge County segment, with respect
ne county line. It moved east-northeast in Dodge County, a home was damaged ranched broken off. Also, some corn at a lat/long pairs of numbers, were 43.494 width of the Dodge County segment was	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st. 173/-89.00625 and 43.50617/-88.96057. about 50 yards.	et approach to F top part of a sild tarting and endi DI#1 (SBO), DO	takes Bay. It then on the bowns knocked off. In glocations for the DD5. Wind speeds	dissipated over the middle of Rakes Bay.  Many large trees were uprooted and Dodge County segment, with respect e estimated at 95 mph. Average path
ne county line. It moved east-northeast in Dodge County, a home was damaged branched broken off. Also, some corn at a lat/long pairs of numbers, were 43.494 width of the Dodge County segment was	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057. about 50 yards.  789.00], 2.0 S RANDOLPH [43.50, -89.006/07/08 14:10 CST	et approach to F top part of a sild tarting and endi DI#1 (SBO), DO	takes Bay. It then on was knocked off. on glocations for the DD5. Wind speeds	dissipated over the middle of Rakes Bay.  Many large trees were uprooted and Dodge County segment, with respect estimated at 95 mph. Average path  Thunderstorm Wind (EG 56 kt)
ne county line. It moved east-northeast in Dodge County, a home was damaged branched broken off. Also, some corn at a lat/long pairs of numbers, were 43.494 width of the Dodge County segment was DODGE COUNTY RANDOLPH [43.53]	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057. about 50 yards.  , -89.00], 2.0 S RANDOLPH [43.50, -89.0 06/07/08 14:10 CST 06/07/08 14:15 CST	et approach to F top part of a sild tarting and endi DI#1 (SBO), DO	takes Bay. It then on was knocked off.  Ing locations for the DD5. Wind speeds  50K  0	dissipated over the middle of Rakes Bay.  Many large trees were uprooted and Dodge County segment, with respect estimated at 95 mph. Average path  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
ne county line. It moved east-northeast in Dodge County, a home was damaged branched broken off. Also, some corn and lat/long pairs of numbers, were 43.494 width of the Dodge County segment was DODGE COUNTY RANDOLPH [43.53] Trees down. Some structural damage.	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057. about 50 yards.  , -89.00], 2.0 S RANDOLPH [43.50, -89.0 06/07/08 14:10 CST 06/07/08 14:15 CST	et approach to F top part of a sild tarting and endi DI#1 (SBO), DO	takes Bay. It then on was knocked off.  Ing locations for the DD5. Wind speeds  50K  0	dissipated over the middle of Rakes Bay.  Many large trees were uprooted and Dodge County segment, with respect sestimated at 95 mph. Average path  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Tornado (EF0, L: 0.38 mi , W: 25 yd)
ne county line. It moved east-northeast in Dodge County, a home was damaged branched broken off. Also, some corn and lat/long pairs of numbers, were 43.494 width of the Dodge County segment was DODGE COUNTY RANDOLPH [43.53] Trees down. Some structural damage.	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057. about 50 yards.  , -89.00], 2.0 S RANDOLPH [43.50, -89.0 06/07/08 14:10 CST 06/07/08 14:15 CST	et approach to F top part of a sild tarting and endi DI#1 (SBO), DO	takes Bay. It then on was knocked off.  Ing locations for the DD5. Wind speeds  50K  0	dissipated over the middle of Rakes Bay.  Many large trees were uprooted and Dodge County segment, with respect estimated at 95 mph. Average path  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
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The county line. It moved east-northeast in Dodge County, a home was damaged oranched broken off. Also, some corn and platflong pairs of numbers, were 43.494 width of the Dodge County segment was present to be county segment. The county segment was present to be county segment was about 15 yards.	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057. about 50 yards.  789.00], 2.0 S RANDOLPH [43.50, -89.006/07/08 14:10 CST 06/07/08 14:15 CST  790.08], 1.5 SW PLAIN [43.26, -90.07] 06/07/08 14:17 CST 06/07/08 14:17 CST of resulted in only some minor tree dama 43.26410/-90.07033, respectively. DI #26ROVE ARPT [43.09, -89.16], 1.6 ESE CO	est approach to Fotop part of a sild starting and ending DI#1 (SBO), DO	akes Bay. It then on was knocked off.  Ing locations for the DD5. Wind speeds  50K  0  0  0  g and ending locat Maximum wind speeds	dissipated over the middle of Rakes Bay.  Many large trees were uprooted and Dodge County segment, with respect sestimated at 95 mph. Average path  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Tornado (EF0, L: 0.38 mi , W: 25 yd) Source: Trained Spotter  ions, with respect to lat/long pairs of seed about 80 mph. Average path width
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This tornado lasted less than a minute an about 15 yards.  DANE COUNTY 1.3 ESE COTTAGE County was about 15 yards.	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057. about 50 yards.  789.00], 2.0 S RANDOLPH [43.50, -89.006/07/08 14:10 CST 06/07/08 14:15 CST 06/07/08 14:16 CST 06/07/08 14:17 CST 06/07/08 14:17 CST 06/07/08 14:17 CST 06/07/08 14:25 CST 06/07/08 14:25 CST 06/07/08 14:25 CST 06/07/08 14:25 CST 06/07/08 14:26 CST 06/07/08 14:26 CST 06/07/08 14:25 CST 06/07/08 14:26 CST 06/07/08 14:	est approach to Fitop part of a silk starting and ending DI#1 (SBO), DO  O]  O]  OTTAGE GROV  In damage. The starting the damage. The starting DITAGE GROV  In damage. The starting DITAGE GROV	takes Bay. It then to was knocked off. by was knocked off. by locations for the DD5. Wind speeds 50K 0 0 0 g and ending locat Maximum wind speeds 0 0 c starting and ending locat Maximum wind speeds 1 c starting and ending locat 1 c starting and ending locat 1 c starting and ending locat 2 c starting and ending locat 3 c starting and e	dissipated over the middle of Rakes Bay. Many large trees were uprooted and Dodge County segment, with respect destimated at 95 mph. Average path  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Tornado (EF0, L: 0.38 mi , W: 25 yd) Source: Trained Spotter dions, with respect to lat/long pairs of deed about 80 mph. Average path width  9.15] Tornado (EF0, L: 0.45 mi , W: 25 yd) Source: Trained Spotter dig locations, with respect to lat/long pairs peed about 75 mph. Average path width
This tornado lasted less than a minute an about 15 yards.  DANE COUNTY 1.3 ESE COTTAGE County was about 15 yards.	to point where CTH FW makes its closes, a barn was severely damaged, and the nd soybean fields were damaged. The st 173/-89.00625 and 43.50617/-88.96057. about 50 yards.  7.89.00], 2.0 S RANDOLPH [43.50, -89.006/07/08 14:10 CST 06/07/08 14:15 CST 06/07/08 14:16 CST 06/07/08 14:17 CST 06/07/08 14:17 CST 06/07/08 14:17 CST 06/07/08 14:25 CST 06/07/08 14:25 CST 06/07/08 14:25 CST 06/07/08 14:26 CST 06/07/08 14:25 CST 06/07/08 14:26 CST 06/07/08 14:2	est approach to Fitop part of a silk starting and ending DI#1 (SBO), DO  O]  O]  OTTAGE GROV  In damage. The starting the damage. The starting DITAGE GROV  In damage. The starting DITAGE GROV	akes Bay. It then on was knocked off. by was knocked off. by locations for the DD5. Wind speeds 50K 0 0 0 g and ending locat Maximum wind speeds 0 0 c starting and ending. Maximum wind s	dissipated over the middle of Rakes Bay. Many large trees were uprooted and Dodge County segment, with respect sestimated at 95 mph. Average path  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Tornado (EF0, L: 0.38 mi , W: 25 yd) Source: Trained Spotter  dions, with respect to lat/long pairs of leed about 80 mph. Average path width  9.15] Tornado (EF0, L: 0.45 mi , W: 25 yd) Source: Trained Spotter  ag locations, with respect to lat/long pairs peed about 75 mph. Average path width

Heavy rains resulted in a flash flood event that covered roads and flooded many back yards and lows spots from Cambia to Columbus. This event was one of 3 flash flood events over parts of Columbia County on 3 separate days. Two started on June 7th, and one on June 8th. In all 3 flash flood events, home and business damage was reported, and there was crop damage. It was nearly impossible to break down the damages by flash flood. Therefore, the collective damage breakdown for these events is provided in the June 8th flash flood StormData entry for Columbia County. The Spring Creek gauge site in Lodi crested at an all-time record high level of 8.40' on 6/9.

DANE COUNTY --- MAPLE BLUFF [43.10, -89.35]

04/10/2009 Printed on:

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/07/08 14:35 CST	-	0	Funnel Cloud
	06/07/08 14:35 CST		0	Source: Trained Spotter
EFFERSON COUNTY 7.0 W FT ATKINS	• ' •			
	06/07/08 14:35 CST		0	Hail (0.75 in)
	06/07/08 14:35 CST		0	Source: Amateur Radio
ANE COUNTY 1.5 NE TOKEN CREEK	[43.21, -89.26], 1.6 NE TOKEN CRE	EK [43.21, -89.25]		
	06/07/08 14:38 CST		0	Tornado (EF0, L: 0.21 mi , W: 25 yd)
	06/07/08 14:39 CST		0	Source: Trained Spotter
This brief tornado lasted less than a minute, of numbers, were 43.21357/-89.25815 and 4 width was about 15 yards.				
EFFERSON COUNTY BUSSEYVILLE [4	12.90, -88.98]			
•	06/07/08 14:42 CST		0	Funnel Cloud
	06/07/08 14:42 CST		0	Source: Law Enforcement
DANE COUNTY 2.0 NE SUN PRAIRIE [4: 43.20, -89.23]	3.20, -89.17], 2.0 SE SUN PRAIRIE	[43.16, -89.17], 2.0	SW SUN PRAIRI	E [43.16, -89.23], 2.0 NW SUN PRAIRIE
,	06/07/08 14:45 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 02:00 CST		10K	Source: Trained Spotter
JEFFERSON COUNTY 0.6 ENE AZTALA	06/07/08 14:49 CST		0	Tornado (EF0, L: 0.14 mi , W: 50 yd)
	06/07/08 14:50 CST		0	
	00/01/00 1 1100 00 1		O	Source: Public
of numbers, were 43.0901/-89.15824 and 43 vas about 30 yards.	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D	<del>-</del>	starting and endin	ng locations, with respect to lat/long pairs
of numbers, were 43.0901/-89.15824 and 43 vas about 30 yards.	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D	<del>-</del>	starting and endir Maximum wind s	ng locations, with respect to lat/long pairs peed about 75 mph. Average path width
of numbers, were 43.0901/-89.15824 and 43 vas about 30 yards.	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27] 06/07/08 15:00 CST	<del>-</del>	starting and endin Maximum wind s	ng locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt)
of numbers, were 43.0901/-89.15824 and 43 vas about 30 yards.	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D	<del>-</del>	starting and endir Maximum wind s	ng locations, with respect to lat/long pairs peed about 75 mph. Average path width
of numbers, were 43.0901/-89.15824 and 43 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27] 06/07/08 15:00 CST 06/07/08 15:00 CST	I #28 (TS), DOD2.	starting and endin Maximum wind s 30K 0	ng locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
of numbers, were 43.0901/-89.15824 and 45 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27] 06/07/08 15:00 CST 06/07/08 15:00 CST n large trees and power-lines in sou	I #28 (TS), DOD2.	starting and endin Maximum wind s 30K 0	ng locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
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of numbers, were 43.0901/-89.15824 and 45 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down  VAUKESHA COUNTY WAUKESHA CO  arge hail of 1 to 2 inches in diameter was r	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27] 06/07/08 15:00 CST 06/07/08 15:00 CST a large trees and power-lines in sour  ARPT [43.04, -88.23] 06/07/08 15:00 CST 06/07/08 15:05 CST eported from Shelly Lynn Road to C	I #28 (TS), DOD2.	starting and endin Maximum wind s 30K 0 bunty, mainly south 0 0	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public
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f numbers, were 43.0901/-89.15824 and 45 as about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down  VAUKESHA COUNTY WAUKESHA CO  arge hail of 1 to 2 inches in diameter was r	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D E [42.59, -89.27] 06/07/08 15:00 CST 06/07/08 15:00 CST n large trees and power-lines in sout ARPT [43.04, -88.23] 06/07/08 15:05 CST 06/07/08 15:05 CST eported from Shelly Lynn Road to C	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 e reports were ava 0	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud
f numbers, were 43.0901/-89.15824 and 43 as about 30 yards.  COCK COUNTY 3.0 SSW ORFORDVILLING COWERFUL THURSDAY WAUKESHA COUNTY WAUKESHA COWERFUL TO 2 inches in diameter was respectively.	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27] 06/07/08 15:00 CST 06/07/08 15:00 CST a large trees and power-lines in sour  ARPT [43.04, -88.23] 06/07/08 15:00 CST 06/07/08 15:05 CST eported from Shelly Lynn Road to C	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 e reports were ava	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public
of numbers, were 43.0901/-89.15824 and 45 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down  NAUKESHA COUNTY WAUKESHA CO  Large hail of 1 to 2 inches in diameter was r	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27]	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 e reports were ava 0	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud
of numbers, were 43.0901/-89.15824 and 45 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down  NAUKESHA COUNTY WAUKESHA CO  Large hail of 1 to 2 inches in diameter was r	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27]	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 e reports were ava 0	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud
of numbers, were 43.0901/-89.15824 and 45 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down  NAUKESHA COUNTY WAUKESHA CO  Large hail of 1 to 2 inches in diameter was r	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27]	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  bunty, mainly south 0 0 0 ereports were ava 0 0	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud Source: Trained Spotter
f numbers, were 43.0901/-89.15824 and 43 as about 30 yards.  COCK COUNTY 3.0 SSW ORFORDVILLING COWERFUL THURSDAY TO SSW ORFORDVILLING COWERFUL THURSDAY WAUKESHA COWAUKESHA COWAUKE	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27] 06/07/08 15:00 CST 06/07/08 15:00 CST  a large trees and power-lines in south  ARPT [43.04, -88.23] 06/07/08 15:05 CST  eported from Shelly Lynn Road to C  N CREEK [43.12, -88.71] 06/07/08 15:03 CST 06/07/08 15:03 CST 06/07/08 15:03 CST	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 e reports were ava 0 0	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud Source: Trained Spotter  Hail (1.00 in)
f numbers, were 43.0901/-89.15824 and 45 as about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down  VAUKESHA COUNTY WAUKESHA CO  arge hail of 1 to 2 inches in diameter was r  EFFERSON COUNTY 4.0 NE JOHNSON	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27] 06/07/08 15:00 CST 06/07/08 15:00 CST  a large trees and power-lines in south  ARPT [43.04, -88.23] 06/07/08 15:05 CST  eported from Shelly Lynn Road to C  N CREEK [43.12, -88.71] 06/07/08 15:03 CST 06/07/08 15:03 CST 06/07/08 15:03 CST	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 e reports were ava 0 0	rig locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud Source: Trained Spotter  Hail (1.00 in)
This brief tornado lasted less than a minute, of numbers, were 43.0901/-89.15824 and 43 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI Powerful thunderstorm winds knocked down MAUKESHA COUNTY WAUKESHA CO Large hail of 1 to 2 inches in diameter was r  JEFFERSON COUNTY 4.0 NE JOHNSON  JEFFERSON COUNTY 0.5 N WATERLOG	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27]	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 e reports were ava 0 0 0	ng locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud Source: Trained Spotter  Hail (1.00 in) Source: Law Enforcement
of numbers, were 43.0901/-89.15824 and 45 was about 30 yards.  ROCK COUNTY 3.0 SSW ORFORDVILLI  Powerful thunderstorm winds knocked down  MAUKESHA COUNTY WAUKESHA CO  Large hail of 1 to 2 inches in diameter was r	and resulted in only minor tree bra 3.09347/-89.15033, respectively. D  E [42.59, -89.27]	I #28 (TS), DOD2.	starting and endin Maximum wind s  30K 0  ounty, mainly south 0 0 0 e reports were ava 0 0 0	ng locations, with respect to lat/long pairs peed about 75 mph. Average path width  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement hwest of STH 213.  Hail (2.00 in) Source: Public ailable.  Funnel Cloud Source: Trained Spotter  Hail (1.00 in) Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WAUKESHA COUNTY WAUKESHA CO ARPT	= -			
	06/07/08 15:13 CST		0	Thunderstorm Wind (EG 61 kt)
	06/07/08 15:13 CST		0	Source: Public
Powerful thunderstorm winds gusts knocked down	several large trees.			
JEFFERSON COUNTY 4.0 ESE SULLIVAN [43				
	06/07/08 15:18 CST		0	Funnel Cloud
	06/07/08 15:18 CST		0	Source: NWS Employee
This funnel cloud was spotted by NWS employees	at the Milwaukee/Sullivan W	/FO.		
ROCK COUNTY BELOIT [42.52, -89.03]				
	06/07/08 15:20 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/07/08 15:20 CST		0	Source: Law Enforcement
Powerful thunderstorm winds gusts knocked dowr	several large trees and som	e power-lines.		
WAUKESHA COUNTY OCONOMOWOC [43.12	-			
	06/07/08 15:25 CST		0	Hail (1.75 in)
	06/07/08 15:35 CST		0	Source: NWS Employee
Hail size ranged from 1.00 to 1.75 inches in diame	eter.			
ROCK COUNTY 2.0 NE MILTON [42.79, -88.92	]			
	06/07/08 15:26 CST		0	Hail (0.75 in)
	06/07/08 15:26 CST		0	Source: Law Enforcement
DANE COUNTY MAZOMANIE [43.17, -89.78]				
	06/07/08 15:28 CST		0	Funnel Cloud
	06/07/08 15:28 CST		0	Source: Law Enforcement
NAUKESHA COUNTY DOWNTOWN WAUKES	SHA [43.0288.22]			
	06/07/08 15:28 CST		0	Hail (1.00 in)
	06/07/08 15:28 CST		0	Source: NWS Employee
GREEN COUNTY 3.0 E DAYTON [42.82, -89.4	<b>1</b> 1			
• ,	06/07/08 15:29 CST		0	Thunderstorm Wind (EG 50 kt)
	06/07/08 15:29 CST		0	Source: Trained Spotter
Powerful thunderstorm winds gusts knocked dowr	several large trees.			
DODGE COUNTY 2.8 NW WATERTOWN [43.2	3, -88.76], 4.0 N WATERTOW	VN [43.26, -88.72],	2.8 NE WATERTO	DWN [43.23, -88.68], WATERTOWN
[43.20, -88.72]	00/07/00 45 00 007		0.571	Florb Flord (doe to House B. 1)
	06/07/08 15:30 CST		6.57M	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		8K	Source: Unknown
Heavy rains resulted in flash flooding across mucl gravel washouts. Some farm fields remained floo destroyed (total of \$4.065 million). The breakdow million). Crop losses were estimated at 8 million. damage.	ded into early July. The brea n for business losses were: 1	kdown for residen 2 with minor dama	tial home losses we age, 6 with major d	ere: 75 with minor damage, and 7 amage, and 2 destroyed (total of \$1.1

DODGE COUNTY --- LEBANON [43.25, -88.63], IRON RIDGE [43.40, -88.53], RUBICON [43.33, -88.47], ASHIPPUN [43.22, -88.52]

 06/07/08 15:30 CST
 1.20M
 Flash Flood (due to Heavy Rain)

 06/08/08 01:00 CST
 5M
 Source: Law Enforcement

Heavy rains resulted in flash flooding over parts of southeastern Dodge County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses was: 10 with minor damage (total of \$1 million). The breakdown for business losses was: 1 with minor damage (total of \$100 thousand). Crop losses were estimated at 5 million. Public sector damage was about \$100 thousand. There were a couple roads that sustained damage.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ROCK COUNTY EVANSVILLE [42.78, -89.	30]			
	06/07/08 15:30 CST		0	Thunderstorm Wind (EG 56 kt)
	06/07/08 15:30 CST		0	Source: Public
owerful thunderstorm winds gusts knocked o	down several large trees.			
DANE COUNTY 1.7 W STOUGHTON [42.9		42.96, -89.20]		
	06/07/08 15:40 CST		0.43M	Tornado (EF1, L: 3.83 mi , W: 150 yd)
	06/07/08 15:48 CST		0	Source: Emergency Manager
This tornado moved from just west of Hults R. N. Based on the observed damage, it was priminor damage to 24 homes, minor damage to was destroyed. Total estimated property dam Springs, 12 homes sustained minor damage on umbers, were 42.92395/-89.25369 and 42.9 width about 75 yards.	obably a multiple-vortex tornado.  21 homes, and major damage to lage (roofs, siding, walls, windows estimated at about \$20,000. The	In the Stoughton of 3 homes. Additions) in the Stoughton starting and ending	area, with respect onally, 1 church sus n area was \$409,00 g locations in Dodo	to residential homes, it resulted in very stained major damage, and 1 tabacco shed 00. In the Civil town of Pleasant ge County, with respect to lat/long pairs of
DANE COUNTY DELLEVILLE 142 05 00 1	221			
DANE COUNTY BELLEVILLE [42.85, -89.9	06/07/08 15:40 CST		15K	Thunderstorm Wind (EG 65 kt)
	06/07/08 15:57 CST		0	Source: Trained Spotter
Powerful thunderstorm winds gusts knocked of	down several large trees and pow	er-lines.		·
DANE COUNTY OREGON [42.93, -89.38],	2 0 SE OREGON [//2 91 _89 35]			
JANE GOOK! 1 OKEGON [42.33, -03.30],	06/07/08 15:43 CST		0	Thunderstorm Wind (EG 56 kt)
	06/07/08 15:43 CST		0	Source: Law Enforcement
WAUKESHA COUNTY 2.0 SSW HARTLAN	ND [43.07, -88.37] 06/07/08 15:50 CST 06/07/08 15:50 CST		0	Hail (3.00 in) Source: Trained Spotter
Hail size ranged from 0.75 to 3.00 inches in d			U	Source. Trained Spotter
WAUKESHA COUNTY 1.0 N BIG BEND [4	2.89, -88.20], 3.5 SE BIG BEND [	42.84, -88.15], 3.0	S BIG BEND [42.8	34, -88.20], 3.5 SW BIG BEND [42.84,
-88.25]				
	06/07/08 16:00 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		10K	Source: Law Enforcement
Heavy rains resulted in flash flooding as wate County on June 7th. Some crop damage was flooding around North Prairie. Collectively, ea impossible to break down the damages by fla County.	s noted in nearby rural areas arou ach of these 4 flash floods resulte	nd Pewaukee. Ard in home and bus	nother round of hea siness damage alor	avy rains on June 8th resulted in flash ng with some crop losses. It was nearly
WAUKESHA COUNTY 2.0 NE WAUKESHA	A CO ARPT [43.06, -88.20], 2.0 S	E WAUKESHA CO	O ARPT [43.02, -88	3.20], 2.0 SW WAUKESHA CO ARPT
[43.02, -88.26], 2.0 NW WAUKESHA CO ARP			•	
	06/07/08 16:00 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		10K	Source: Law Enforcement
Heavy rains resulted in flash flooding as wate County on June 7th. Some crop damage was Prairie. Collectively, each of these 4 flash floodown the damages by flash flood. Therefore,	s noted in nearby rural areas. And ods resulted in home and busines	other round of hea ss damage along v	vy rains on June 8 vith some crop loss	th resulted in flash flooding around North ses. It was nearly impossible to break
WAUKESHA COUNTY OCONOMOWOC [4	13.12, -88.48], BROOKFIELD [43.	07, -88.15], BIG B	END [42.88, -88.20	D], DOUSMAN [43.02, -88.47]
	06/07/08 16:00 CST	,	0	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		10K	Source: Law Enforcement

06/08/08 01:00 CST

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Source: Law Enforcement

10K

Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dmg Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was one of 3 flash floods in Waukesha County on June 7th. Some crop damage was noted in nearby rural areas around Pewaukee. Another round of heavy rains on June 8th resulted in flash flooding around North Prairie. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood. Therefore, the collective breakdown is provided in the June 8th StormData entry for Waukesha County DANE COUNTY --- 2.0 N STOUGHTON [42.95, -89.22] 06/07/08 16:06 CST 0 Thunderstorm Wind (EG 56 kt) 0 Source: Trained Spotter 06/07/08 16:06 CST Powerful thunderstorm winds gusts knocked down several large trees. MILWAUKEE COUNTY --- BROWN DEER [43.17, -87.97], SHOREWOOD [43.10, -87.88], WAUWATOSA [43.05, -87.95], 10.0 NW DOWNTOWN MILWAUKEE [43.13, -88.11] 06/07/08 16:30 CST 10K Flash Flood (due to Heavy Rain) 06/08/08 01:00 CST 0 Source: Law Enforcement Heavy rains resulted in flash flooding across the northern part of Milwaukee County. Water depths on some roads reached 3 to 4 feet and many cars stalled. Water entered many homes and businesses. Another flash flood event occurred across mostly southern Milwaukee County on June 7th, and another flash flood event occurred on June 8th. Collectively, these 3 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for the 3 flash flood events is provided in the June 8th StormData entry for Milwaukee County. WAUKESHA COUNTY --- 1.5 S EAGLE [42.86, -88.48], 1.4 S EAGLE [42.86, -88.47] 06/07/08 16:37 CST 0 Tornado (EF0, L: 0.12 mi, W: 20 yd) 06/07/08 16:38 CST n Source: Trained Spotter A brief tornado lasting less than a minute was spotted by the Eagle Police Department and Fire Department. Damage was restricted to broken tree branches. The starting and ending locations, with respect to lat/long pairs of numbers, were 42.85852/-88.47545 and 42.85973/-88.47364, respectively. DI #28 (TS), DOD2. Maximum wind speed about 75 mph. MILWAUKEE COUNTY --- DOWNTOWN MILWAUKEE [43.03, -87.97], SOUTH MILWAUKEE [42.92, -87.85], FRANKLIN [42.87, -88.08], HALES CORNERS [42.93, -88.05] 06/07/08 16:45 CST 10K Flash Flood (due to Heavy Rain) 06/07/08 19:30 CST 0 Source: Law Enforcement Heavy rains resulted in flash flooding across the southern part of Milwaukee County. Water depths on some roads reached 3 to 4 feet and many cars stalled. Water entered many homes and businesses. Another flash flood event occurred across northern Milwaukee County on June 7th, and another flash flood event occurred on June 8th. Collectively, these 3 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for the 3 flash flood events is provided in the June 8th StormData entry for Milwaukee County. On June 7th, 4.93 inches of rain fell at Milwaukee Mitchell Field, breaking the old record rainfall for the date which was 2.44 inches (June 7, 1916). MILWAUKEE COUNTY --- WEST ALLIS [43.00, -87.97] 06/07/08 17:00 CST 0 Thunderstorm Wind (EG 50 kt) 06/07/08 17:00 CST 0 Source: Trained Spotter Powerful thunderstorm winds gusts knocked down several large tree branches up to 10 inches in diameter. SAUK COUNTY --- LA VALLE [43.58, -90.13], 6.0 NNW REEDSBURG [43.61, -90.05] 0 06/07/08 17:59 CST Hail (1.00 in) 06/07/08 18:10 CST n Source: Law Enforcement Diameters of hail stones ranged from 0.88 to 1.00 inch. SAUK COUNTY --- 2.0 NE ROCK SPGS [43.50, -89.89], 2.0 SE ROCK SPGS [43.46, -89.89], 2.0 SW ROCK SPGS [43.46, -89.95], 2.0 NW ROCK SPGS

06/07/08 19:00 CST

06/08/08 01:30 CST

[43.50, -89.95]

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Flash Flood (due to Heavy Rain)

Source: Law Enforcement

10K

0

Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	

Sauk County experienced 4 flash flood events over a 3-day period. Two of the events started on June 7th, one on June 8th, and the last one on June 9th. In each case, flash flooding caused home and business damage as well as crop losses. Roads were blocked or washed out (STH 154 and CTH C), and bridges were damaged. Many vehicles stalled. Locations in the Baraboo River Valley sustained considerable damage as the river crested at all-time levels. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the June 9th StormData entry for Sauk County.

GREEN LAKE COUNTY DALTON [43.65, -89.20], 4.5 E DALTON [43.65, -89.11]					
06/07/08 19:13 CST	0	Thunderstorm Wind (EG 52 kt)			
06/07/08 19·24 CST	0	Source: Trained Spotter			

Powerful thunderstorm winds gusts knocked down several large trees from Dalton to along CTH GG near the Green Lake/Columbia County boarder.

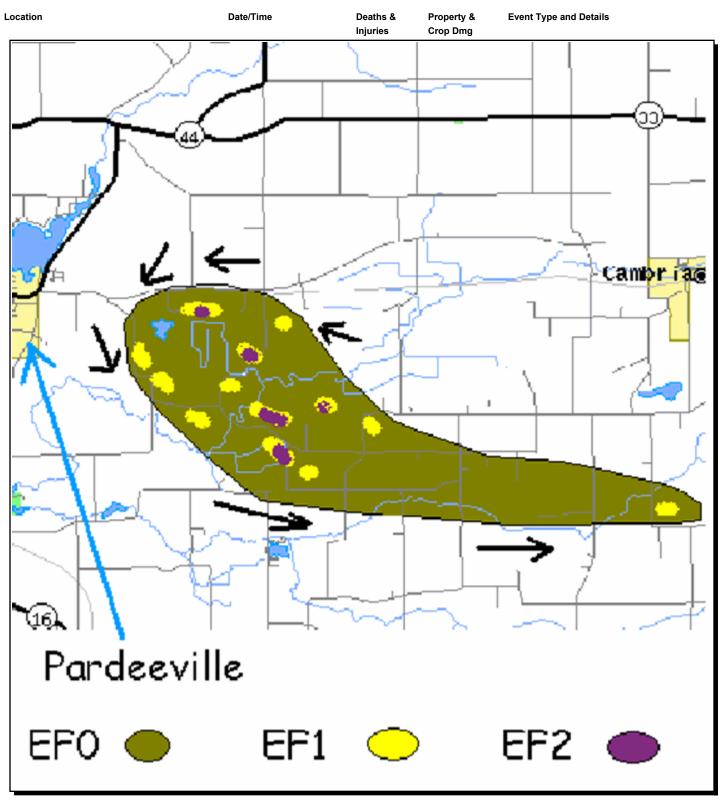
DODGE COUNTY RANDOLPH [43.53, -89.00]			
	06/07/08 19:25 CST	0	Thunderstorm Wind (EG 52 kt)
	06/07/08 19:25 CST	0	Source: Law Enforcement

Powerful thunderstorm winds gusts knocked down several large trees.

A slow-moving surface boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period of June 7th through June 9th. A strengthening low-level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The atmosphere was very moist with precipitable water values around 2 inches. Low to mid-level wind flow supported training of flood-producing thunderstorms. There was sufficient vertical wind shear to allow for supercell development that resulted in 10 tornadoes spinning up in south-central and southeast Wisconsin on June 7th. A weak cool front pushed through southern Wisconsin late on the 8th/early on the 9th, finally ending the heavy rainfall.

During the evening of June 7th, several roads near STH 89 south of Columbus were washed out. STH 16 east of Columbus closed on June 8th due to high waters. A state-of-emergency was declared in Milwaukee County the evening of June 7th due to widespread flash flooding, and Milwaukee Mitchell Field was close for several hours due to high water levels.

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Graphic showing tornado damage area.

DODGE COUNTY --- REESEVILLE [43.30, -88.83], HORICON [43.45, -88.63], NEOSHO [43.22, -88.52], RICHWOOD [43.23, -88.77]

06/08/08 08:15 CST 06/08/08 13:20 CST 1.90M 8M Flash Flood (due to Heavy Rain) Source: Law Enforcement

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Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dmg Heavy rains resulted in flash flooding across much of central Dodge County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The Rock and Crawfish Rivers set all-time crest records in June, 2008. The breakdown for residential home losses were: 8 with minor damage, and 3 destroyed (total of \$1 million for home losses). The breakdown for business losses were: 3 with minor damage, and 5 with major damage (total of \$100 thousand). Crop losses were estimated at 8 million. Public sector damage was about \$184 thousand. There were a couple roads and bridges that sustained damage. GREEN COUNTY --- 4.0 S BROWNTOWN [42.52, -89.82] 06/08/08 08:15 CST 0 Thunderstorm Wind (EG 50 kt) 06/08/08 08:15 CST 0 Source: Law Enforcement Powerful thunderstorms winds knocked down a few large trees. FOND DU LAC COUNTY --- RIPON [43.83, -88.83], OAKFIELD [43.68, -88.55], WAUPUN [43.63, -88.73], 5.0 S FAIRWATER [43.68, -88.85] 06/08/08 08:30 CST 4.64M Flash Flood (due to Heavy Rain) 06/08/08 13:00 CST 9M Source: Law Enforcement Heavy rains resulted in flash flooding across much of western Fond du Lac County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 4000 minimally affected, 2100 with minor damage, 125 with major damage, and 15 destroyed (total of \$3.87 million for home losses). The breakdown for business losses were: 35 with minor damage (total of \$242 thousand). Crop losses were estimated at \$9 million. Public sector damage was about \$772 thousand. There were several roads and bridges that sustained damage. ROCK COUNTY --- ORFORDVILLE [42.63, -89.25], 4.0 NE BELOIT [42.56, -88.97] 06/08/08 08:30 CST 25K Thunderstorm Wind (EG 65 kt) 06/08/08 08:45 CST 0 Source: Law Enforcement Powerful thunderstorm winds knocked down many large trees and some power-lines. JEFFERSON COUNTY --- 7.0 SSW LAKE MILLS [42.99, -88.95], LAKE MILLS [43.08, -88.90] 06/08/08 08:56 CST 25K Thunderstorm Wind (EG 50 kt) Source: Law Enforcement 06/08/08 09:15 CST n Powerful thunderstorms winds knocked down large trees and power-lines. WALWORTH COUNTY --- RICHMOND [42.72, -88.73] 0 Thunderstorm Wind (EG 56 kt) 06/08/08 09:00 CST 06/08/08 09:00 CST 0 Source: Law Enforcement Powerful thunderstorms winds knocked down large trees. WASHINGTON COUNTY --- WAYNE [43.52, -88.32], NEWBURG [43.43, -88.05], GERMANTOWN [43.23, -88.10], HARTFORD [43.32, -88.38] 06/08/08 09:15 CST 5.13M Flash Flood (due to Heavy Rain) 06/08/08 14:30 CST 3.50M Source: Law Enforcement Heavy rains resulted in flash flooding over much of Washington County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields would remain flooded into early July. The breakdown in residential home losses were: 560 affectd with minimal damage, 60 with minor damage, and 12 with major damage (total of about \$2.4 million). Business losses were: 45 with minor damage, and 5 with major damage (total of about \$1.125 million). Crops losses were estimated at 3.5 million. Public sector damage was about \$0.6 million. Several roads and bridges sustained damage. WAUKESHA COUNTY --- 4.0 SW DOUSMAN [42.98, -88.53] 06/08/08 09:15 CST 0 Thunderstorm Wind (EG 50 kt) 06/08/08 09:15 CST 0 Source: NWS Employee Powerful thunderstorms winds knocked down a few large trees. JEFFERSON COUNTY --- LAKE MILLS [43.08, -88.90], WATERTOWN [43.20, -88.72], PALMYRA [42.88, -88.60], FT ATKINSON [42.93, -88.85] 06/08/08 09:30 CST 0.10B Flash Flood (due to Heavy Rain)

06/08/08 13:00 CST

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Source: Law Enforcement

35M

Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

Heavy rains resulted in flash flooding across much of Jefferson County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. The rain on June 12th ultimately lead to record-setting crests on the Rock and Crawfish Rivers, and many farm fields remained flooded into early July. The cities of Watertown, Jefferson, and Ft. Atkinson were hard hit by high river levels. The breakdown on residential home damage losses were: 100 with minor damage, 400 with major damage, and 10 destroyed (total of about \$36 million). Business losses totaled abouit \$21.4 million. Crops losses were estimated at \$35 million. Public sector damage was about \$44.811 million. There were several roads and bridges that sustained damage.

# WAUKESHA COUNTY --- 2.0 SE NORTH PRAIRIE [42.91, -88.37], 2.0 SW NORTH PRAIRIE [42.91, -88.43], 2.0 NW NORTH PRAIRIE [42.95, -88.43], 2.0 NE NORTH PRAIRIE [42.95, -88.37]

06/08/08 09:30 CST

62.99M

Flash Flood (due to Heavy Rain)

06/08/08 14:30 CST

1M

Source: Law Enforcement

Heavy rains resulted in flash flooding across much of Waukesha County. Water reached depths of 3 feet or more and several cars stalled. This was one of 4 flash floods in Waukesha County that occurred on Junen 7th and 8th. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for all of Waukesha County is provided in this flash flood event.

The breakdown for residential home losses were: 1433 with minor damage, 188 with major damage, and 1 destroyed (total of \$54.632 million for home losses). Business losses totaled \$5.462 million. Crop losses were estimated at \$1 million. Public sector damage was about \$2.9 million. There were several roads and bridges that sustained damage.

### SHEBOYGAN COUNTY --- 5.0 NW PLYMOUTH [43.80, -88.05], KOHLER [43.73, -87.78], RANDOM LAKE [43.55, -87.97], BEECHWOOD [43.60, -88.12]

 06/08/08 09:45 CST
 0.15M
 Flash Flood (due to Heavy Rain)

 06/08/08 14:30 CST
 0.20M
 Source: Law Enforcement

Heavy rains resulted in flash flooding around Plymouth and south to the county line. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 20 minimally affected, and 20 with minor damage (total of \$50 thousand for home losses). There were no business losses. Crop losses were estimated at \$200 thousand. Public sector damage was about \$100 thousand. A couple roads and bridges sustained damage.

### KENOSHA COUNTY --- SILVER LAKE [42.55, -88.17], DOWNTOWN KENOSHA [42.58, -87.83]

 06/08/08 09:50 CST
 25K
 Thunderstorm Wind (EG 56 kt)

 06/08/08 10:20 CST
 0
 Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees and power-lines.

### KENOSHA COUNTY --- TWIN LAKES [42.53, -88.25], NEW MUNSTER [42.58, -88.23], SOMERS [42.65, -87.90], PLEASANT PRAIRIE [42.55, -87.93]

 06/08/08 10:00 CST
 1.97M
 Flash Flood (due to Heavy Rain)

 06/08/08 13:00 CST
 2M
 Source: Law Enforcement

Heavy rains resulted in flash flooding across much of Kenosha County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 37 minimally affected, 47 with minor damage, 33 with major damage, and 3 destroyed (total of \$300 thousand for home losses). There were no business losses. Crop losses were estimated at 2 million. Public sector damage was about \$673 thousand. There were several roads and bridges that sustained damage.

### WALWORTH COUNTY --- WHITEWATER [42.83, -88.73], RICHMOND [42.72, -88.73], LAKE GENEVA [42.60, -88.43], LA GRANGE [42.80, -88.60]

 06/08/08 10:00 CST
 0.15M
 Flash Flood (due to Heavy Rain)

 06/08/08 13:00 CST
 1M
 Source: Law Enforcement

Heavy rains resulted in flash flooding across a good part of Walworth County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. State Highway 59 was closed in Whitewater. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 10 with minor damage (total of about \$50 thousand in damage). There were no business losses. Crop losses were estimated at \$1 million. Public sector damage was about \$100 thousand.

#### MILWAUKEE COUNTY --- 2.0 NW GREENFIELD [42.97, -88.03]

 06/08/08 10:17 CST
 0
 Thunderstorm Wind (MG 56 kt)

 06/08/08 10:17 CST
 0
 Source: Amateur Radio

Powerful thunderstorms winds knocked down large trees.

### MILWAUKEE COUNTY --- BROWN DEER [43.17, -87.97], FOX PT [43.17, -87.88], SOUTH MILWAUKEE [42.92, -87.85], FRANKLIN [42.87, -88.08]

06/08/08 10:30 CST 77.97M Flash Flood (due to Heavy Rain)
06/08/08 14:45 CST 15.50K Source: Law Enforcement

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

Heavy rains resulted in flash flooding across much of Milwaukee County. Water depths on some roads reached 3 to 4 feet and many cars stalled. Water entered many homes and businesses. Two other flash flood event occurred in Milwaukee County on June 7th. Collectively, these 3 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for the 3 flash flood events is provided in the June 8th StormData entry for Milwaukee County.

The collective breakdown for residential home losses were: 3957 minimally affected, 2583 with minor damage, and 1135 with major damage (total of \$32/301 million for home losses). The total business losses were \$5.855 million. Crop losses were \$15.5 thousand. Public sector damage was about \$40.814 million. Several roads and bridges that sustained damage. On June 7th, 4.93 inches of rain fell at Milwaukee Mitchell Field, breaking the old record rainfall for the date which was 2.44 inches (June 7, 1916). On June 8th, 2.25 inches of rain broke the old record rainfall for the date which was 1.24 inches (June 8, 1974). Combined, these two days of rainfall broke the 48-hour all-time rainfall record at Milwaukee. The previous record was 6.84 inches, which was recorded on August 5-6, 1986. On June 7-8, 2008, Milwaukee observed 7.18 inches of rain.

DAGINE GOUNTY	4 A CHU DOMINITOMNI DA CINITI 140 AC. AT CAI	
RACINE COUNTY	4.0 SW DOWNTOWN RACINE [42.68, -87.86]	

06/08/08 10:50 CST 0 Thunderstorm Wind (EG 56 kt) 06/08/08 10:50 CST 0 Source: Amateur Radio

Powerful thunderstorms winds knocked down large trees.

KENOSHA COUNTY --- 2.0 N SOMERS [42.68, -87.90]

 06/08/08 10:55 CST
 0
 Thunderstorm Wind (EG 56 kt)

 06/08/08 10:55 CST
 0
 Source: Trained Spotter

Powerful thunderstorms winds knocked down large trees.

### SAUK COUNTY --- LA VALLE [43.58, -90.13], LAKE DELTON [43.58, -89.78], SAUK CITY [43.27, -89.73], LONE ROCK AIRPORT [43.21, -90.19]

06/08/08 11:00 CST 0 Flash Flood (due to Heavy Rain) 06/08/08 21:00 CST 10K Source: Law Enforcement

Sauk County experienced 4 flash flood events over a 3-day period. Two of the events started on June 7th, one on June 8th, and the last one on June 9th. In each case, flash flooding caused home and business damage as well as crop losses. Roads were blocked or washed out (STH 154 and CTH C), and bridges were damaged. Many vehicles stalled. Locations in the Baraboo River Valley sustained considerable damage as the river crested at all-time levels. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the June 9th StormData entry for Sauk County.

# COLUMBIA COUNTY --- 5.0 SW OKEE [43.30, -89.65], PORTAGE [43.55, -89.45], POYNETTE [43.40, -89.40], LODI [43.32, -89.52]

 06/08/08 12:00 CST
 15.66M
 Flash Flood (due to Heavy Rain)

 06/08/08 21:00 CST
 40M
 Source: Law Enforcement

Heavy rains resulted in a flash flood event that washed out some raods and gravel shoulders in the western part of the county. This event was one of 3 flash flood events over parts of Columbia County on 3 separate days. Two started on June 7th, and one on June 8th. In all 3 flash flood events, home and business damage was reported, and there was crop damage. Some farm fields remained flooded into early July. It was nearly impossible to break down the damages by flash flood. Therefore, the collective damage breakdown for these events is provided in this June 8th flash flood StormData entry for Columbia County.

The breakdown for residential home losses were: over 1500 minimally affected, 45 with minor damage, 26 with major damage, and 5 destroyed (total of \$10 million for home losses). Total business losses were about \$2 million. Crop losses were estimated at about \$40 million. Public sector damage was about \$3.66 million. There were several roads and bridges that sustained damage.

### DANE COUNTY --- ALBION [42.88, -89.07], UTICA [42.97, -89.12], ROCKDALE [42.97, -89.03], 3.0 SE ALBION [42.85, -89.03]

 06/08/08 12:00 CST
 0
 Flash Flood (due to Heavy Rain)

 06/08/08 14:00 CST
 10K
 Source: Law Enforcement

Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the 2nd of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County.

### GREEN COUNTY --- BROWNTOWN [42.58, -89.82], NEW GLARUS [42.82, -89.63], DAYTON [42.82, -89.50], 5.0 SSE BRODHEAD [42.55, -89.33]

 06/08/08 12:30 CST
 1.32M
 Flash Flood (due to Heavy Rain)

 06/08/08 14:00 CST
 20M
 Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rains resulted in flash flooding across washouts. Some farm fields remained flood damage, and 1 destroyed (total of \$750 thow with major damage, and 4 destroyed (for a law was about \$373.3 thousand. There were see	ded into early July. The breakdown f usand for home losses). There were total of \$195 thousand in farm buildir	oths on road surfactor residential home no business lossing losses). Crop l	ces reached 3 fee le losses were: 10 es. Farm buiding	99 with minor damage, 12 with major losses were: 1 with minor damage, 2
FOND DU LAC COUNTY CAMPBELLSP			0	Thursday American March (FO FO H)
	06/08/08 17:35 CST 06/08/08 17:35 CST		0	Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
Powerful thunderstorms winds knocked dov			Ü	Source. Law Emorcement
JEFFERSON COUNTY 8.0 NW FT ATKII	NSON [43.01, -88.96]			
JEN ENGON GOONT 0.0 NWTT ATMI	06/08/08 17:55 CST		0	Thunderstorm Wind (EG 50 kt)
	06/08/08 17:55 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked dow	vn large trees.			
DODGE COUNTY ALDERLEY [43.22, -8	= = = = = = = = = = = = = = = = = = = =	JSTISFORD [43.3	5, -88.60], IRON R	RIDGE [43.40, -88.53]
	06/08/08 18:00 CST		0.46M	Flash Flood (due to Heavy Rain)
	06/08/08 23:00 CST		8M	Source: Amateur Radio
nillion. Public sector damage was about \$				
- ·	06/00/00 10:20 CCT			Flood (due to Heavy Dain)
Heavy rains resulted in flash flooding as wa	•		0 10K stalled. This was	
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. s provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On	06/08/08 23:00 CST  Inter reached depths of 3 feet or more occurred on June 7th, the next two on lit was nearly impossible to break do stormData entry for Dane County. County 3 June 8th, 4.11 inches of rain broke the stores.	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. s provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On	06/08/08 23:00 CST  Inter reached depths of 3 feet or more occurred on June 7th, the next two on lit was nearly impossible to break do stormData entry for Dane County. County 3 June 8th, 4.11 inches of rain broke the stores.	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. s provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On	06/08/08 23:00 CST  Inter reached depths of 3 feet or more occurred on June 7th, the next two on the was nearly impossible to break do StormData entry for Dane County. County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County. County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County. County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County June 8th, 4.11 inches of rain broke the depth of the was nearly for Dane County June 8th, 4.11 inches of rain broke the depth of the depth of the was nearly for Dane County June 8th, 4.11 inches of rain broke the depth of the dep	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. s provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [	06/08/08 23:00 CST  Inter reached depths of 3 feet or more occurred on June 7th, the next two on lit was nearly impossible to break down StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the county. 106/08/08 18:35 CST 06/08/08 18:35 CST	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt)
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. s provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [APOWERFULL COUNTY 3.5 W ARG	06/08/08 23:00 CST  Inter reached depths of 3 feet or more courred on June 7th, the next two on lt was nearly impossible to break do StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the county of 18:35 CST 06/08/08 18:35 CST 06/08/08 18:35 CST win large trees.	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date where the da	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. s provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [APOWERFULL COUNTY 3.5 W ARG	06/08/08 23:00 CST  Inter reached depths of 3 feet or more courred on June 7th, the next two on lt was nearly impossible to break down StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt)
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. s provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [APOWERFULL THE POWERFULL THE PO	06/08/08 23:00 CST  Inter reached depths of 3 feet or more courred on June 7th, the next two on lt was nearly impossible to break down StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date where the da	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. It is provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [APOWERFUL THURSDAY 5.0 NNW BLANCHARD)  OWA COUNTY 5.0 NNW BLANCHARD)  Powerful thunderstorms winds knocked down	06/08/08 23:00 CST  Inter reached depths of 3 feet or more courred on June 7th, the next two on lt was nearly impossible to break down StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt)
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. It is provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On AFAYETTE COUNTY 3.5 W ARGYLE [APOWERFUL THURSDAY 5.0 NNW BLANCHARD)  OWA COUNTY 5.0 NNW BLANCHARD)  Powerful thunderstorms winds knocked down	06/08/08 23:00 CST  Inter reached depths of 3 feet or more courred on June 7th, the next two on lt was nearly impossible to break down StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt)
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or nomes, businesses, and crops was noted. It is provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [APOWERFUL THURSDAY 5.0 NNW BLANCHARD)  OWA COUNTY 5.0 NNW BLANCHARD)  Powerful thunderstorms winds knocked down	06/08/08 23:00 CST  Inter reached depths of 3 feet or more courred on June 7th, the next two on It was nearly impossible to break down StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh  0 0 0	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or homes, businesses, and crops was noted. Its provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [APOWERFULL THE COUNTY 5.0 NNW BLANCHARD) Powerful thunderstorms winds knocked down Powerful thunderstorms winds knocked down LAFAYETTE COUNTY 4.0 W GRATIOT	06/08/08 23:00 CST  Inter reached depths of 3 feet or more courred on June 7th, the next two on It was nearly impossible to break down StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh  0 0 0	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one of nomes, businesses, and crops was noted. Is provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [APPOWERFULL THE COUNTY 5.0 NNW BLANCHARD POWERFULL THE COUNTY 5.0 NNW BLANCHARD POWERFULL THE COUNTY 4.0 W GRATIOT POWERFULL THE PO	06/08/08 23:00 CST  Inter reached depths of 3 feet or more occurred on June 7th, the next two on lit was nearly impossible to break do StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh  0 0 0	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one of homes, businesses, and crops was noted. It is provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [4]  Powerful thunderstorms winds knocked down IOWA COUNTY 5.0 NNW BLANCHARDY Powerful thunderstorms winds knocked down LAFAYETTE COUNTY 4.0 W GRATIOT    Powerful thunderstorms winds knocked down IOWA COUNTY 4.0 W GRATIOT    Powerful thunderstorms winds knocked down IOWA COUNTY 4.0 W GRATIOT	06/08/08 23:00 CST  Inter reached depths of 3 feet or more occurred on June 7th, the next two on lit was nearly impossible to break do StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date wh  0 0 0	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Heavy rains resulted in flash flooding as wa County on 3 different days. The first one or homes, businesses, and crops was noted. is provided in the last June 12th flash flood which was 2.01 inches (June 7, 1993). On LAFAYETTE COUNTY 3.5 W ARGYLE [	06/08/08 23:00 CST  Inter reached depths of 3 feet or more occurred on June 7th, the next two on lt was nearly impossible to break do StormData entry for Dane County. Of June 8th, 4.11 inches of rain broke the standard of	June 8th, and the wn the damages b On June 7th, 2.23	0 10K stalled. This was last three on Jun by flash flood ever inches of rain bro fall for the date where the da	Source: Law Enforcement  the 3rd of 6 flash floods in Dane e 12th. In all six cases, damage to nt. Therefore, the collective breakdown ke the old record rainfall for the date nich was 1.40 inches (June 8, 1874).  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt) Source: Law Enforcement  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/08/08 19:10 CST	,	10K	Lightning
	06/08/08 19:10 CST		0	Source: Newspaper
Lightning struck a home, and the cur	rent damaged the residents's electrical sy	stem, appliances,	and televisions.	
DANE COUNTY COTTAGE GROV	/E [43.08, -89.20]			
	06/08/08 19:25 CST		0	Thunderstorm Wind (EG 50 kt)
	06/08/08 19:25 CST		0	Source: Trained Spotter
Powerful thunderstorms winds knock	ed down large trees.			
ROCK COUNTY BELOIT [42.52, -	-			
	06/08/08 19:35 CST		20K	Thunderstorm Wind (EG 56 kt)
	06/08/08 19:35 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knock	ed down large trees and power-lines.			
WALWORTH COUNTY SHARON	[42.50, -88.73]			
	06/08/08 19:55 CST		0	Thunderstorm Wind (EG 50 kt)
	06/08/08 19:55 CST		0	Source: Trained Spotter
Powerful thunderstorms winds knock	red down large trees.			
RACINE COUNTY WATERFORD	[42.77, -88.22], CALEDONIA [42.80, -87.9	3], DOWNTOWN F	RACINE [42.72, -87	7.80], BURLINGTON [42.67, -88.27]
	06/08/08 20:15 CST		2.15M	Flash Flood (due to Heavy Rain)
	06/09/08 01:30 CST		1.50M	Source: Amateur Radio

Heavy rains resulted in flash flooding across much of Racine County, especially in the city of Racine. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 10 minimally affected, 30 with minor damage, and 15 with major damage (total of \$400 thousand for home losses). There were no business losses. Crop losses were estimated at \$1.5 million. Public sector damage was about \$1.748 million. There were several roads and bridges that sustained damage.

A slow-moving surface boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period of June 7th through June 9th. A strengthening low-level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The atmosphere was very moist with precipitable water values around 2 inches. Low to mid-level wind flow supported training of flood-producing thunderstorms. A weak cool front pushed through southern Wisconsin late on the 8th/early on the 9th, finally ending the heavy rainfall.

The heavy rain axis for June 7-9th ran from Sauk County southeast to Milwaukee County, where generally 6 to 9 inches fell on a ground that was totally saturated due to record-setting winter snowfalls and a wet April, 2008. Several locations topped 10 inches, and Watertown (Jefferson Co.) came in with 13.5 inches, 11.35 inches was measured in Oak Creek (Milwaukee Co.), and Elm Grove in Waukesha County picked up 10.8 inches.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg



Flooding in downtown Ft. Atkinson due to high water levels on Rock River.

# SAUK COUNTY --- 1.0 NE LAKE DELTON [43.59, -89.77], 1.0 SE LAKE DELTON [43.57, -89.77], 1.0 SW LAKE DELTON [43.57, -89.79], 1.0 NW LAKE DELTON [43.59, -89.79]

06/09/08 08:00 CST 22.40M Flash Flood (due to Dam / Levee Break)

06/09/08 14:00 CST 15M Source: Law Enforcement

Sauk County experienced 4 flash flood events over a 3-day period. Two of the events started on June 7th, one on June 8th, and the last one on June 9th. In each case, flash flooding caused home and business damage as well as crop losses. Roads were blocked or washed out (STH 154 and CTH C), and bridges were damaged. Many vehicles stalled. Locations in the Baraboo River Valley sustained considerable damage as the river crested at all-time levels. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the June 9th StormData entry for Sauk County.

On June 9th, the levee holding back Lake Delton eroded over a 5 hour periiod and eventually broke (the actual dam held), allowing Lake Delton to empty into the Wisconsin River. A 300-foot section of CTH near the breach was washed away. At least 4 homes were washed away, and damage was inflicted on boats and piers. There were no injuries or fatalities.

The breakdown for residential home losses for the 3-day period were: over 800 minimally affected, 45 with major damage, and 31 destroyed (total of \$19.2 million for home losses). Business losses are estimated to be about \$1 million. Crop losses were estimated at \$15 million. Public sector damage was about \$2.25 million. Several roads and bridges sustained damage.

A slow-moving surface boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period of June 7th through June 9th. A strengthening low-level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The atmosphere was very moist with precipitable water values around 2 inches. Low to mid-level wind flow supported training of flood-producing thunderstorms. There was sufficient vertical wind shear to allow for

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Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

supercell development that resulted in 10 tornadoes spinning up in south-central and southeast Wisconsin on June 7th. A weak cool front pushed through southern Wisconsin late on the 8th/early on the 9th, finally ending the heavy rainfall.

The heavy rain axis for June 7-9th ran from Sauk County southeast to Milwaukee County, where generally 6 to 9 inches fell on a ground that was totally saturated due to record-setting winter snowfalls and a wet April, 2008. Several locations topped 10 inches, and Watertown (Jefferson Co.) came in with 13.5 inches, 11.35 inches was measured in Oak Creek (Milwaukee Co.), and Elm Grove in Waukesha County picked up 10.8 inches.

The Baraboo River crested at all-time record-high levels at the following gauge sites: La Valle (23.23' on 6/10), Rock Springs (28.73' on 6/11), West Baraboo (27.48' on 6/12), and Baraboo (27.48' on 6/13). Elsewhere, new all-time crest levels were establised at Franklin on the Root River (11.0' on 6/8), near Raymond on the Root Canal River (12.12' on 6/9), and at Racine on the Racine River (11.29' on 6/9).



Flooding in Rock Springs, Sauk County - typical of flooding across much of southern Wisconsin during the period of June 7th-14th.

ROCK COUNTY --- 0.5 S DOWNTOWN JANESVILLE [42.67, -89.02]

	06/12/08 12:15 CST	25K	Thunderstorm Wind (EG 56 kt)	
	06/12/08 12:15 CST	0	Source: Trained Spotter	
Powerful thunderstorms winds knocked down	large trees and power-lines.			
WALWORTH COUNTY 6.0 NW DELAVAN	[42.69, -88.71]			
WALWORTH COUNTY 6.0 NW DELAVAN	[42.69, -88.71] 06/12/08 12:24 CST	0	Thunderstorm Wind (MG 54 kt)	
WALWORTH COUNTY 6.0 NW DELAVAN	• '	0	Thunderstorm Wind (MG 54 kt) Source: Amateur Radio	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
owerful thunderstorms winds knocked dox	vn large trees.			
VALWORTH COUNTY ELKHORN [42.6	7, -88.55]			
	06/12/08 12:55 CST		30K	Thunderstorm Wind (EG 50 kt)
	06/12/08 13:00 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked dox	wn large trees and power-lines.			
WALWORTH COUNTY DELAVAN [42.6	3, -88.63], LA GRANGE [42.80, -88.	.60], EAST TROY	[42.78, -88.40], ELF	KHORN [42.67, -88.55]
•	06/12/08 13:00 CST	•	0.53M	Flash Flood (due to Heavy Rain)
	06/12/08 15:30 CST		4.25M	Source: Trained Spotter
Heavy rains resulted in flash flooding acros here were gravel washouts. Soem roads were: 23 with minor damage (total of \$183 Public sector damage was about \$342.6 th	were closed. Some farm fields remain thousand for home losses). There $v$	ained flooded into were no business	early July. The bre losses. Crop loss	eakdown for residential home losses
WALWORTH COUNTY 3.0 NE EAST TR	OY [42.81, -88.36], 4.0 NE EAST TI 06/12/08 13:10 CST	KOY [42.82, -88.34	<b>i]</b> 0.15M	Thunderstorm Wind (EG 78 kt)
	06/12/08 13:10 CST		0.13101	Source: Law Enforcement
	33.12.00 10.10 001		· ·	130.00. Lan Lindonion
Powerful, hurricane-force thunderstorms wi off, a concrete wall of a machine shed was knots (90 mph), but this number could be 9	blown in, and 2 semi tractor-trailers	were blown over	-	
OWA COUNTY REVVET [42.00, -90.40]	06/12/08 13:40 CST		0	Hail (0.88 in)
	06/12/08 13:40 CST		0	Source: Law Enforcement
GREEN COUNTY 7.0 ENE DAYTON [42	.86, -89.37]			
	06/12/08 14:20 CST		0	Hail (0.88 in)
	06/12/08 14:20 CST		0	Source: Law Enforcement
IOWA COUNTY 3.0 W COBB [42.97, -90	0.39], 5.0 W ARENA [43.17, -90.02],	5.0 SSE ARENA [	43.10, -89.88], 5.0	SE COBB [42.92, -90.26]
-	06/12/08 14:30 CST		2.83K	Flash Flood (due to Heavy Rain)
	06/12/08 18:00 CST		0.50M	Source: Emergency Manager
Heavy rains resulted in flash flooding from washouts. At least one hundred homes we (total of \$1.5 million for all home property lodamage was about \$1.325 million. There was a strong the control of the	ere affected with at least some flood passes). No business losses were re	ing. Ninty-five hor ported. Crops los	nes had minor dam ses were estimated	nage, and 5 homes were destroyed
LAFAYETTE COUNTY 5.0 NW DARLING	GTON [42.73, -90.19], 3.0 NW YELL	OWSTONE LAKE	STATE PARK [42	.80, -90.01], 3.0 SE YELLOWSTONE
LAKE STATE PARK [42.74, -89.93], 3.0 SE			0.4614	Floob Flood (due to Messer Pairs)
	06/12/08 14:30 CST		0.46M	Flash Flood (due to Heavy Rain)
	06/12/08 18:30 CST		0.30M	Source: Emergency Manager
Heavy rains resulted in flash flooding from there were gravel washouts. Home damag thousand. Public sector damage totaled at	e totaled about \$200 thousand. Bu	siness damage tot	aled about \$100 th	nousand. Crop losses totaled about \$300
GREEN COUNTY 4.0 S JUDA [42.52, -8	9.50]			
- ,	06/12/08 14:40 CST		50K	Thunderstorm Wind (EG 65 kt)
	06/12/08 14:40 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked dov	wn large trees, and two sheds blowr	n down.		
OALIK OOLINTY	40 00 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ATP BARKET	00 === 0 4 =====	DEVILO LAVE OTATE STRUCK
SAUK COUNTY 5.0 SE BARABOO [43.4 -89.58], 4.0 SE DEVILS LAKE STATE PAR	<del></del>	A l'E PARK [43.43,	, -89.57], 8.0 ESE [	JEVILS LAKE STATE PARK [43.39,
CO.CO., TO OR DEVILO ENICE OTHER PAIN	06/12/08 15:00 CST		0	Flash Flood (due to Heavy Rain)

06/12/08 15:00 CST

06/12/08 15:00 CST

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0

Flash Flood (due to Heavy Rain)

Source: COOP Observer

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Measured 2.5 inches of rain over 2 hours 10	miles west of Poynette.			
COLUMBIA COUNTY PARDEEVILLE [43	3.53, -89.28]			
•	06/12/08 15:14 CST		0	Thunderstorm Wind (MG 56 kt)
	06/12/08 15:14 CST		0	Source: Mesonet
Powerful thunderstorm winds gusts, measur	red at 56 knots (65 mph) occurred a	t the DNR RAWS	weather observation	on site.
DODGE COUNTY 0.5 N BEAVER DAM [	42 40 00 021 2 2 NNE DEAVED D	M [42 E4 00 00]	•	
DODGE COUNTY 0.5 N BEAVER DAW [	06/12/08 15:19 CST	AW [43.51, -00.00]	0	Hail (1.75 in)
	06/12/08 15:22 CST		0	Source: Law Enforcement
Hail ranging from 0.75 to 1.75 inches in diar considering the size of the hail stones.	meter was reported just north of Bea	ver Dam. There	were no damage re	eports, although there could have been,
FOND DU LAC COUNTY RIPON [43.83,	-88.83]			
	06/12/08 15:25 CST		0	Hail (0.75 in)
	06/12/08 15:25 CST		0	Source: Public
FOND DU LAC COUNTY RIPON [43.83,	-88.83]			
- 1	06/12/08 15:25 CST		0	Thunderstorm Wind (EG 56 kt)
	06/12/08 15:25 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked dow	-88.83], NORTH FOND DU LAC [43.	82, -88.48], ALTO		
	06/12/08 15:30 CST 06/12/08 19:00 CST		1.35K 17M	Flash Flood (due to Heavy Rain) Source: Public
Heavy rains resulted in flash flooding across were gravel washouts. Manhole covers popwere: 1000 minimally affected, 500 with minousiness losses were: 15 with minor damag million. There were several roads and bridg	oped in Ripon. Some farm fields ren nor damage, 25 with major damage, le (total of \$50 thousand). Crop loss	nained flooded in and 5 destroyed	to early July. The b (total of \$1 million f	oreakdown for residential home losses for home losses). The breakdown for
WALWORTH COUNTY 2.0 NW LAKE GE	ENEVA [42.6288.46]			
	06/12/08 15:30 CST		0	Hail (1.00 in)
	06/12/08 15:30 CST		0	Source: Public
Hail fell at Lake Como.				
COLUMBIA COUNTY 1.4 WNW CAMBRI	IA [43.56, -89.12], 2.9 ESE FRIESLA	ND [43.56, -89.0	2]	
	06/12/08 15:34 CST		0	Tornado (EF0, L: 5.34 mi , W: 50 yd)
	06/12/08 15:43 CST		0	Source: Amateur Radio
		e as it moved ea	st. This tornado sp	· · · · · · · · · · · · · · · · · · ·
This tornado affected only agricultural land a ntersection of Vaugn Road and Engleheart ocations, with respect to pairs of lat/long nu (TS), DOD2. Wind speed estimated at about	Road, and dissipated about 1/4 mile imbers, were 43.56074/-89.12348 at	e east of the inters		
ntersection of Vaugn Road and Engleheart ocations, with respect to pairs of lat/long nu	Road, and dissipated about 1/4 mile imbers, were 43.56074/-89.12348 aut 65 knots (75 mph).	e east of the interent 43.56435/-890	1686. Average pa	
ntersection of Vaugn Road and Engleheart ocations, with respect to pairs of lat/long nu (TS), DOD2. Wind speed estimated at about	Road, and dissipated about 1/4 mile imbers, were 43.56074/-89.12348 aut 65 knots (75 mph).	e east of the interent 43.56435/-890	1686. Average pa	
ntersection of Vaugn Road and Engleheart ocations, with respect to pairs of lat/long nu (TS), DOD2. Wind speed estimated at about	Road, and dissipated about 1/4 mile imbers, were 43.56074/-89.12348 aut 65 knots (75 mph).  HESTER [43.67, -89.04], 0.7 S MAN	e east of the interent 43.56435/-890	1686. Average pa	th width was about 30 yards. DI#28

DANE COUNTY --- BELLEVILLE [42.85, -89.53], PAOLI [42.92, -89.52], OREGON [42.93, -89.38], 5.0 E BELLEVILLE [42.85, -89.43] 06/12/08 16:00 CST

06/12/08 19:30 CST

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Source: Public

0

10K

Flash Flood (due to Heavy Rain)

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rains resulted in flash flooding as w County on 3 different days. The first one of homes, businesses, and crops was noted. is provided in the last June 12th flash flood record rainfall for the date which was 1.20	occurred on June 7th, the next two on It was nearly impossible to break down d StormData entry for Dane County. C	June 8th, and the	stalled. This was a last three on June by flash flood even	e 12th. In all six cases, damage to
AFAYETTE COUNTY ARGYLE [42.70	0, -89.87]			
	06/12/08 16:00 CST		0	Hail (0.88 in)
	06/12/08 16:00 CST		0	Source: COOP Observer
GREEN COUNTY 3.8 N JORDAN [42.7	70, -89.79], 5.1 N JORDAN [42.72, -89.7	77]		
-	06/12/08 16:01 CST	-	0	Tornado (EF1, L: 1.61 mi , W: 50 yd)
	06/12/08 16:03 CST		0	Source: Emergency Manager
his weak tornado resulted in only tree da I, moved northeast and crossed CTH C a Inding locations, with respect to lat/long p I/as about 30 yards.	and then Puddle Dock Road and then	dissipated about	1/2 mile northeast	of Puddle Dock Road. The starting and
REEN COUNTY 2.8 E POSTVILLE [4:	· •	42.86, -89.56]		
	06/12/08 16:15 CST 06/12/08 16:27 CST		0	Tornado (EF1, L: 7.84 mi , W: 100 yd) Source: Law Enforcement
north-northwest of the intersection of CTH County going through the western edge of lissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, fo	H And Zentner Road. It moved northe f the city of Belleville. Luckily only upro of the village of Paoli in south-central I or a total path length of about 12.25 mil	ast, clipping the rooted trees or sna Dane County nea es. The starting	northwest part of the apped-off tree dam or CTH A. The path and ending location	ne city of New Glarus, and exited Green nage was noted. This tornado finally n length was about 7.84 miles in Green ns in Green County, with respect to
north-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/- everage path width in Green County was a second or the county was a second or t	H H and Zentner Road. It moved norther fithe city of Belleville. Luckily only uproof the village of Paoli in south-central Ear a total path length of about 12.25 mili-89.69455 and 42.85690/-89.55898. Dabout 75 yards.	ast, clipping the rooted trees or sna Dane County nea es. The starting	northwest part of the apped-off tree dam or CTH A. The path and ending location	ne city of New Glarus, and exited Green nage was noted. This tornado finally n length was about 7.84 miles in Green ns in Green County, with respect to
orth-northwest of the intersection of CTH County going through the western edge of issipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/- overage path width in Green County was a county and the county was a county with the county with the county with the county was a county with the county with the county was a county with the county w	H H and Zentner Road. It moved norther fithe city of Belleville. Luckily only uproof the village of Paoli in south-central Ear a total path length of about 12.25 mill-89.69455 and 42.85690/-89.55898. Dabout 75 yards.	ast, clipping the rooted trees or sna Dane County nea es. The starting	northwest part of the apped-off tree dam r CTH A. The path and ending location. Wind speeds es	the city of New Glarus, and exited Green hage was noted. This tornado finally in length was about 7.84 miles in Green with the respect to timated at 83-87 knots (95-100 mph).
corth-northwest of the intersection of CTH County going through the western edge of lissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/4verage path width in Green County was a GREEN COUNTY MONTICELLO [42.73]	H H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. 489.69455 and 42.85690/-89.55898. D about 75 yards.  3, -89.58]  06/12/08 16:25 CST 06/12/08 16:25 CST	ast, clipping the poted trees or sna Dane County nea es. The starting 1#27 (TH), DOD3	northwest part of the apped-off tree dam r CTH A. The path and ending location. Wind speeds estimated to the control of the co	he city of New Glarus, and exited Green hage was noted. This tornado finally hallength was about 7.84 miles in Green has in Green County, with respect to timated at 83-87 knots (95-100 mph).
orth-northwest of the intersection of CTH County going through the western edge of issipated about 2 miles south-southeast county and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/4 everage path width in Green County was a GREEN COUNTY MONTICELLO [42.73]	H H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. 489.69455 and 42.85690/-89.55898. D about 75 yards.  3, -89.58]  06/12/08 16:25 CST 06/12/08 16:25 CST	ast, clipping the poted trees or sna Dane County nea es. The starting 1#27 (TH), DOD3	northwest part of the apped-off tree dam r CTH A. The path and ending location. Wind speeds estimated to the control of the co	he city of New Glarus, and exited Green hage was noted. This tornado finally hallength was about 7.84 miles in Green has in Green County, with respect to timated at 83-87 knots (95-100 mph).
This weak tornado spun up in the rural are north-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, fo at/long pairs of numbers, were 42.80215/Average path width in Green County was a GREEN COUNTY MONTICELLO [42.73]	It H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. 489.69455 and 42.85690/-89.55898. D about 75 yards.  3, -89.58]  06/12/08 16:25 CST 06/12/08 16:25 CST	ast, clipping the poted trees or sna Dane County nea es. The starting 1#27 (TH), DOD3	orthwest part of the paped-off tree dam r CTH A. The path and ending location. Wind speeds est	he city of New Glarus, and exited Green hage was noted. This tornado finally in length was about 7.84 miles in Green has in Green County, with respect to timated at 83-87 knots (95-100 mph).  Funnel Cloud Source: Law Enforcement
north-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/Average path width in Green County was a GREEN COUNTY MONTICELLO [42.73]  DANE COUNTY 1.5 WNW BELLEVILLI  This tornado in south-central Dane County Postville in northwest Green County. It en area and drossed STH 69 about 1 mile no occurred - of the uprooted tree or broken to were 42.85690/-89.55898 and 42.90230/-4	It H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. 489.69455 and 42.85690/-89.55898. D about 75 yards.  3, -89.58]  06/12/08 16:25 CST  06/12/08 16:25 CST  06/12/08 16:35 CST  y was a continuation of a tornado that some control of the county line, and ultimately ditree branch variety. The starting and elements of the county of the starting and elements.	ast, clipping the poted trees or snapare County neales. The starting 1#27 (TH), DOD3	orthwest part of the paped-off tree dam r CTH A. The path and ending location. Wind speeds estimated to the control of the con	ne city of New Glarus, and exited Green hage was noted. This tornado finally h length was about 7.84 miles in Green has in Green County, with respect to timated at 83-87 knots (95-100 mph).  Funnel Cloud Source: Law Enforcement  Tornado (EF1, L: 4.41 mi , W: 100 yd) Source: Law Enforcement  of New Glarus and the village of ed northeast through the Lake Belle View CTH A. Luckily only tree damage th respect to lat/long pairs of numbers,
north-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/-Average path width in Green County was a GREEN COUNTY MONTICELLO [42.73]  DANE COUNTY 1.5 WNW BELLEVILLI  This tornado in south-central Dane County Postville in northwest Green County. It en area and drossed STH 69 about 1 mile no occurred - of the uprooted tree or broken twere 42.85690/-89.55898 and 42.90230/-40 Dane County was about 60 yards.	It H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. 489.69455 and 42.85690/-89.55898. D about 75 yards.  3, -89.58]  06/12/08 16:25 CST  06/12/08 16:25 CST  E [42.86, -89.56], 1.7 SE BASCO [42.9 06/12/08 16:35 CST  y was a continuation of a tornado that some control of the county on the west side of the county line, and ultimately different parameters. The starting and elegations are sentenced by the county line, and ultimately differenced by the county line, and ulti	ast, clipping the poted trees or snapare County neales. The starting 1#27 (TH), DOD3	orthwest part of the period of the period of the period of the part of the period of t	ne city of New Glarus, and exited Green nage was noted. This tornado finally in length was about 7.84 miles in Green ons in Green County, with respect to itimated at 83-87 knots (95-100 mph).  Funnel Cloud Source: Law Enforcement  Tornado (EF1, L: 4.41 mi , W: 100 yd) Source: Law Enforcement  of New Glarus and the village of ed northeast through the Lake Belle View CTH A. Luckily only tree damage th respect to lat/long pairs of numbers, -100 mph). The average path width in
north-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/-Average path width in Green County was a GREEN COUNTY MONTICELLO [42.73]  DANE COUNTY 1.5 WNW BELLEVILLI	It H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 mile-89.69455 and 42.85690/-89.55898. Dabout 75 yards.  3, -89.58]  06/12/08 16:25 CST 06/12/08 16:25 CST 06/12/08 16:25 CST 06/12/08 16:35 CST  y was a continuation of a tornado that some tered Dane County on the west side of the county line, and ultimately difference branch variety. The starting and e 89.49764. DI#27 (TH), DOD3. Wind side 100/12/08 16:30 CST	ast, clipping the poted trees or snapare County neales. The starting 1#27 (TH), DOD3	orthwest part of the apped-off tree dam'r CTH A. The path and ending location. Wind speeds estimated to the control of the con	ne city of New Glarus, and exited Green nage was noted. This tornado finally in length was about 7.84 miles in Green ons in Green County, with respect to itimated at 83-87 knots (95-100 mph).  Funnel Cloud Source: Law Enforcement  Tornado (EF1, L: 4.41 mi , W: 100 yd) Source: Law Enforcement  of New Glarus and the village of ed northeast through the Lake Belle View CTH A. Luckily only tree damage th respect to lat/long pairs of numbers, -100 mph). The average path width in
conth-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/-Average path width in Green County was a GREEN COUNTY MONTICELLO [42.73]  DANE COUNTY 1.5 WNW BELLEVILLI  This tornado in south-central Dane County Postville in northwest Green County. It enters and drossed STH 69 about 1 mile no occurred - of the uprooted tree or broken the vere 42.85690/-89.55898 and 42.90230/-40 and County was about 60 yards.	It H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. 489.69455 and 42.85690/-89.55898. D about 75 yards.  3, -89.58]  06/12/08 16:25 CST  06/12/08 16:25 CST  E [42.86, -89.56], 1.7 SE BASCO [42.9 06/12/08 16:35 CST  y was a continuation of a tornado that some control of the county on the west side of the county line, and ultimately difference branch variety. The starting and elegations are served. By 49764. DI#27 (TH), DOD3. Wind served Du LAC [43.78, -88.49]	ast, clipping the poted trees or snapare County neales. The starting 1#27 (TH), DOD3	orthwest part of the period of the period of the period of the part of the period of t	ne city of New Glarus, and exited Green nage was noted. This tornado finally in length was about 7.84 miles in Green ons in Green County, with respect to itimated at 83-87 knots (95-100 mph).  Funnel Cloud Source: Law Enforcement  Tornado (EF1, L: 4.41 mi , W: 100 yd) Source: Law Enforcement  of New Glarus and the village of ed northeast through the Lake Belle View CTH A. Luckily only tree damage th respect to lat/long pairs of numbers, -100 mph). The average path width in
conth-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for advice pairs of numbers, were 42.80215/4 everage path width in Green County was a GREEN COUNTY MONTICELLO [42.73]  DANE COUNTY 1.5 WNW BELLEVILLING This tornado in south-central Dane County Postville in northwest Green County. It en area and drossed STH 69 about 1 mile no occurred - of the uprooted tree or broken to evere 42.85690/-89.55898 and 42.90230/-60 and County was about 60 yards.	It H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. Belleville. Belle	ast, clipping the poted trees or sna pane County neales. The starting l#27 (TH), DOD3  o, -89.50]  spun up mid-way f the city of Belle ssipated southeales inding locations in speed estimated and speed estimated and speed estimated.	orthwest part of the apped-off tree dam'r CTH A. The path and ending location. Wind speeds estimated to the control of the con	ne city of New Glarus, and exited Green nage was noted. This tornado finally in length was about 7.84 miles in Green ons in Green County, with respect to itimated at 83-87 knots (95-100 mph).  Funnel Cloud Source: Law Enforcement  Tornado (EF1, L: 4.41 mi , W: 100 yd) Source: Law Enforcement  of New Glarus and the village of ed northeast through the Lake Belle View CTH A. Luckily only tree damage th respect to lat/long pairs of numbers, -100 mph). The average path width in
north-northwest of the intersection of CTH County going through the western edge of dissipated about 2 miles south-southeast of County and 4.41 miles in Dane County, for at/long pairs of numbers, were 42.80215/-Average path width in Green County was a GREEN COUNTY MONTICELLO [42.73]  DANE COUNTY 1.5 WNW BELLEVILLI  This tornado in south-central Dane County Postville in northwest Green County. It en area and drossed STH 69 about 1 mile no occurred - of the uprooted tree or broken twere 42.85690/-89.55898 and 42.90230/-40 Dane County was about 60 yards.	It H and Zentner Road. It moved norther the city of Belleville. Luckily only uproof the village of Paoli in south-central E or a total path length of about 12.25 miles. Belleville. Belle	ast, clipping the poted trees or sna pane County neales. The starting l#27 (TH), DOD3  o, -89.50]  spun up mid-way f the city of Belle ssipated southeales inding locations in speed estimated and speed estimated and speed estimated.	orthwest part of the apped-off tree dam'r CTH A. The path and ending location. Wind speeds estimated to the control of the con	ne city of New Glarus, and exited Green nage was noted. This tornado finally in length was about 7.84 miles in Green ons in Green County, with respect to itimated at 83-87 knots (95-100 mph).  Funnel Cloud Source: Law Enforcement  Tornado (EF1, L: 4.41 mi , W: 100 yd) Source: Law Enforcement  of New Glarus and the village of ed northeast through the Lake Belle View CTH A. Luckily only tree damage th respect to lat/long pairs of numbers, -100 mph). The average path width in

ROCK COUNTY --- ORFORDVILLE [42.63, -89.25], EDGERTON [42.83, -89.07], MILTON [42.77, -88.95], DOWNTOWN JANESVILLE [42.68, -89.02]

06/12/08 16:45 CST

06/12/08 19:30 CST

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Flash Flood (due to Heavy Rain)

Source: Emergency Manager

0.46M

0.30M

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
Heavy rains resulted in flash flooding ac were gravel washouts. Two hundred th home property losses). Fifty-four busing losses were estimated at \$15 million).	irty-nine homes had minor damage, 9 esses had minor damage, and 24 had	homes had major d major damage (tota	amage, and 26 wal business losses	vere destroyed (total of \$7.46 million for all s were about \$810 thousand. Crops	
DANE COUNTY 1.0 N OREGON [42.	•				
	06/12/08 16:50 CST		0	Funnel Cloud	
	06/12/08 16:50 CST		0	Source: Public	
ROCK COUNTY 2.0 W EVANSVILLE	E [42.78, -89.34]				
	06/12/08 17:00 CST		0	Funnel Cloud	
	06/12/08 17:00 CST		0	Source: Law Enforcement	
DODGE COUNTY 1.0 N IRON RIDGE	E [43.41, -88.53]				
	06/12/08 17:05 CST		0	Funnel Cloud	
	06/12/08 17:05 CST		0	Source: Law Enforcement	
SHEBOYGAN COUNTY WALDO [43	.67, -87.95], SHEBOYGAN [43.7587	7.72], KOHLER AND	RAE STATE PAI	RK [43.67, -87.71], OOSTBURG [43.62.	
-87.80]	- · · · · · · · · · · · · · · · · · · ·	•			
	06/12/08 17:15 CST		0.40M	Flash Flood (due to Heavy Rain)	
	06/12/08 20:30 CST		0.30M	Source: Trained Spotter	
residential home losses were: 30 minim losses. Crop losses were estimated at	ally affected, and 30 with minor dama			e losses). There were no business uple roads and bridges sustained minor	
gravel washouts. Erosion damage was residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42]	ally affected, and 30 with minor dama \$300 thousand. Public sector damag	e was about \$253.9		•	
residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42]  This weak tornado spun up in a rural armorth of Kaas Road, and dissipated nead damage - of the broken tree branch variations.	ally affected, and 30 with minor dama \$300 thousand. Public sector damag	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to late	thousand. A continuous of the	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter crossed Washington Road about 1/2 mile n Road. It resulted in only minor tree	
residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42  This weak tornado spun up in a rural armorth of Kaas Road, and dissipated neadamage - of the broken tree branch varidas.95491/-89.10805. DI#28 (TS), DOD	ally affected, and 30 with minor dama \$300 thousand. Public sector damag	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to lat mph.	thousand. A continuous of the	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter crossed Washington Road about 1/2 mile n Road. It resulted in only minor tree	
residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42]	ally affected, and 30 with minor dama \$300 thousand. Public sector damage.  93, -89.14], 1.2 SSE UTICA [42.95, -8 06/12/08 17:19 CST 06/12/08 17:21 CST  ea south-southwest of Utica near Tow or an old quarry near the intersection of iety. The starting and ending locations 2. Wind speed estimated at about 75  E [43.47, -88.53], 2.4 SSE MAYVILLE 06/12/08 17:25 CST	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to lat mph.	thousand. A condition of the condition o	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter  crossed Washington Road about 1/2 mile in Road. It resulted in only minor tree inbers, were 42.92758/-89.14221 and	
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residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42  This weak tornado spun up in a rural armorth of Kaas Road, and dissipated neadamage - of the broken tree branch varid 43.95491/-89.10805. DI#28 (TS), DOD  DODGE COUNTY 2.4 SSE MAYVILL  This weak tornado lasted less than a min The starting and ending locations, with a speed estimated at about 75 mph. Ave	ally affected, and 30 with minor dama \$300 thousand. Public sector damage.  93, -89.14], 1.2 SSE UTICA [42.95, -8 06/12/08 17:19 CST 06/12/08 17:21 CST  ea south-southwest of Utica near Tow or an old quarry near the intersection of iety. The starting and ending locations 2. Wind speed estimated at about 75  E [43.47, -88.53], 2.4 SSE MAYVILLE 06/12/08 17:25 CST 06/12/08 17:26 CST inute and resulted in only broken tree respect to lat/long pairs of numbers, we rage path width about was about 10 years.	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to lat mph.  [43.47, -88.52]	0 0 d northeast and cand East Church/long pairs of nur 0 0 uthwest of the in	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter  crossed Washington Road about 1/2 mile n Road. It resulted in only minor tree mbers, were 42.92758/-89.14221 and  Tornado (EF0, L: 0.09 mi , W: 20 yd) Source: Fire Department/Rescue tersection of Polk Road and Madison Rd. 16/-88.52494. DI#28 (TS), DOD2. Wind	
residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42  This weak tornado spun up in a rural are north of Kaas Road, and dissipated neadamage - of the broken tree branch varid 43.95491/-89.10805. DI#28 (TS), DOD  DODGE COUNTY 2.4 SSE MAYVILL  This weak tornado lasted less than a min The starting and ending locations, with a speed estimated at about 75 mph. Ave	ally affected, and 30 with minor dama \$300 thousand. Public sector damage.  93, -89.14], 1.2 SSE UTICA [42.95, -8 06/12/08 17:19 CST 06/12/08 17:21 CST  ea south-southwest of Utica near Tow or an old quarry near the intersection of iety. The starting and ending locations 2. Wind speed estimated at about 75  E [43.47, -88.53], 2.4 SSE MAYVILLE 06/12/08 17:25 CST 06/12/08 17:26 CST inute and resulted in only broken tree respect to lat/long pairs of numbers, we rage path width about was about 10 years.	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to lat mph.  [43.47, -88.52]	0 0 d northeast and cand East Church/long pairs of nur 0 0 uthwest of the in	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter  crossed Washington Road about 1/2 mile n Road. It resulted in only minor tree mbers, were 42.92758/-89.14221 and  Tornado (EF0, L: 0.09 mi , W: 20 yd) Source: Fire Department/Rescue tersection of Polk Road and Madison Rd. 16/-88.52494. DI#28 (TS), DOD2. Wind	
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residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42  This weak tornado spun up in a rural arrorth of Kaas Road, and dissipated neadamage - of the broken tree branch varid 43.95491/-89.10805. DI#28 (TS), DOD  DODGE COUNTY 2.4 SSE MAYVILL  This weak tornado lasted less than a min The starting and ending locations, with a speed estimated at about 75 mph. Ave  OZAUKEE COUNTY 3.0 W MEQUON -87.92]	ally affected, and 30 with minor dama \$300 thousand. Public sector damage	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to lat mph.  [43.47, -88.52]  llimbs. It spun up so were 43.46927/-88.52 ards.  1.50, -87.95], PORT V  Belgium to Port Wasmes had minor dam and. Crops losses were seed to the seed of the se	thousand. A condition of thousand. A condition of the condition of the interpretation of	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter  crossed Washington Road about 1/2 mile n Road. It resulted in only minor tree mbers, were 42.92758/-89.14221 and  Tornado (EF0, L: 0.09 mi , W: 20 yd) Source: Fire Department/Rescue tersection of Polk Road and Madison Rd. 16/-88.52494. DI#28 (TS), DOD2. Wind  13.38, -87.87], 3.0 E MEQUON [43.22, Flash Flood (due to Heavy Rain) Source: Emergency Manager	
residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42  This weak tornado spun up in a rural armorth of Kaas Road, and dissipated nead damage - of the broken tree branch varid 43.95491/-89.10805. DI#28 (TS), DOD  DODGE COUNTY 2.4 SSE MAYVILL  This weak tornado lasted less than a min The starting and ending locations, with a speed estimated at about 75 mph. Ave  OZAUKEE COUNTY 3.0 W MEQUON -87.92]  Heavy rains resulted in flash flooding for feet or more and there were gravel was million for all home property losses). But was about \$1.1 million. There were severed.	ally affected, and 30 with minor dama \$300 thousand. Public sector damage	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to lat mph.  [43.47, -88.52]  llimbs. It spun up so were 43.46927/-88.52 ards.  1.50, -87.95], PORT V  Belgium to Port Wasmes had minor dam and. Crops losses were seed to the seed of the se	0 0 d northeast and cand East Church/long pairs of nur  0 0 0 0 vuthwest of the in 2612 and 43.470  VASHINGTON [4 0.46M 0.30M shington area. Wage, and 191 howere estimated a	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter  crossed Washington Road about 1/2 mile n Road. It resulted in only minor tree mbers, were 42.92758/-89.14221 and  Tornado (EF0, L: 0.09 mi , W: 20 yd) Source: Fire Department/Rescue  tersection of Polk Road and Madison Rd. 16/-88.52494. DI#28 (TS), DOD2. Wind  43.38, -87.87], 3.0 E MEQUON [43.22, Flash Flood (due to Heavy Rain) Source: Emergency Manager  Vater depths on road surfaces reached 3 mes had major damage (total of \$3.765 mes had major damage	
residential home losses were: 30 minim losses. Crop losses were estimated at damage.  DANE COUNTY 3.1 SSW UTICA [42  This weak tornado spun up in a rural armorth of Kaas Road, and dissipated nead damage - of the broken tree branch varid 43.95491/-89.10805. DI#28 (TS), DOD  DODGE COUNTY 2.4 SSE MAYVILL  This weak tornado lasted less than a min The starting and ending locations, with a speed estimated at about 75 mph. Ave  OZAUKEE COUNTY 3.0 W MEQUON -87.92]  Heavy rains resulted in flash flooding from feet or more and there were gravel was million for all home property losses). But the damage is the same starting and there were gravel was million for all home property losses).	ally affected, and 30 with minor dama \$300 thousand. Public sector damage	e was about \$253.9  9.11]  er Drive, and moved f Washington Road s, with respect to lat mph.  [43.47, -88.52]  llimbs. It spun up so were 43.46927/-88.52 ards.  1.50, -87.95], PORT V  Belgium to Port Wasmes had minor dam and. Crops losses were seed to the seed of the se	thousand. A condition of thousand. A condition of the condition of the interpretation of	Tornado (EF0, L: 2.56 mi , W: 50 yd) Source: Trained Spotter  crossed Washington Road about 1/2 mile n Road. It resulted in only minor tree mbers, were 42.92758/-89.14221 and  Tornado (EF0, L: 0.09 mi , W: 20 yd) Source: Fire Department/Rescue tersection of Polk Road and Madison Rd. 16/-88.52494. DI#28 (TS), DOD2. Wind  13.38, -87.87], 3.0 E MEQUON [43.22, Flash Flood (due to Heavy Rain) Source: Emergency Manager  Vater depths on road surfaces reached 3 mes had major damage (total of \$3.765	

DANE COUNTY --- 1.0 N UTICA [42.98, -89.12]

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DANE COUNTY 6.0 NE STOUGHTON (42.98, 49.14)	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DANE COUNTY — 8.0 NE STOUGHTON [42.95, 48.14]  OSIT 2008 17:59 CST  OFFICIAL STOUGHTON [42.95, 48.14]  OSIT 2008 17:59 CST  OFFICIAL STOUGHTON [43.04, 59.22], 3.0 ENE MC FARLAND [43.04, 58.23], MC FARLAND [43.02, 48.28], 3.0 N MC FARLAND [43.04, 58.28]  OSIT 2008 18:30 CST  OSIT 10K  Source: Public  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the 5th of 5 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 6th, and the last three on June 12th. In all six cases, damage to homes, businesse, and crops was noted. If was nearly impossible to treat down the destinages by flash flood event. Therefore, the collective treskdown is provided in the last June 12th flash flood Slom/Data cnity for Dane County.  JEFFERSON COUNTY — 1.0 N LAKE MILLS [43.26, 48.89]  OSIT 2008 16:06 CST  OSIT 2008 16:00 CST  OSIT 2008 20:00 CST  OSIT 2		06/12/08 17:56 CST		0	Funnel Cloud
06/12/08 17:59 CST		06/12/08 17:56 CST		0	Source: Amateur Radio
06/12/08 17:59 CST	DANE COUNTY 6.0 NE STOUGHTON [42.98	3, -89.14]			
DANE COUNTY — 4.0 NE MC FARLAND (43.06, -89.22), 3.0 ENE MC FARLAND (43.04, -89.23), MC FARLAND (43.04, -89.28), 3.0 N MC FARLAND (43.06, -89.28), 4.0 N MC FARLAND (43.06, -89.				0	Funnel Cloud
Ge12/08 18:00 CST		06/12/08 17:59 CST		0	Source: Amateur Radio
Ge12/08 18:00 CST	DANE COUNTY 4.0 NE MC FARLAND [43.0	6, -89.22], 3.0 ENE MC FARLAI	ND [43.04, -89.23].	MC FARLAND [43	3.02, -89.281, 3.0 N MC FARLAND
Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars statled. This was the 5th of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County.  JEFFERSON COUNTY 1.0 N LAKE MILLS [43.99, 48.90]  06/12/08 18:06 CST 0 Funnel Cloud  06/12/08 18:06 CST 0 Funnel Cloud  06/12/08 18:08 CST 0 Funnel Cloud  06/12/08 18:08 CST 0 Funnel Cloud  06/12/08 18:09 CST 0 Funnel Cloud  06/12/08 18:12 CST 0 Source: Law Enforcement  DANE COUNTY UTICA [42.97, 49.12]  06/12/08 18:12 CST 0 Thunderstorm Wind (EG 50 kt)  06/12/08 18:12 CST 0 Source: Trained Spotter  Powerful thunderstorms winds knocked large branches out of several trees.  DANE COUNTY CAMP RANDALL STADIUM [43.07, 49.41], MADISON TRUAX AIRPORT [43.14, 49.33], MONONA [43.07, 49.32], FITCHBURG [42.95, 49.47]  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 19:00 CST 25.54 Flash Flood (due to Heavy Rain)  15.00 Flood of March Rain Bash flood into early July. The breakdown			• / •	-	, <u>-</u>
Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the 5th of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormDate entry for Dane County.  JEFFERSON COUNTY 1.0 N LAKE MILLS [43.99, -88.90]  06f1/208 18:06 CST  0 Funnel Cloud  06f1/208 18:06 CST  0 Source: Trained Spotter  DANE COUNTY 2.0 NE UTICA [42.99, -89.09]  06f1/208 18:08 CST  0 Funnel Cloud  06f1/208 18:09 CST  0 Source: Trained Spotter  DANE COUNTY UTICA [42.97, -89.12]  06f1/208 18:12 CST  0 Source: Law Enforcement  DANE COUNTY UTICA [42.97, -89.12]  06f1/208 18:12 CST  0 Source: Trained Spotter  Powerful thunderstorms winds knocked large branches out of several trees.  DANE COUNTY CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG [42.95, -89.47]  00f1/208 2:00 CST		06/12/08 18:00 CST		0	Flash Flood (due to Heavy Rain)
County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the lest three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County.  JEFFERSON COUNTY — 1.0 N LAKE MILLS [43.09, -88.90]  06/12/08 18:06 CST 0 Source: Trained Spotter  DANE COUNTY — 2.0 NE UTICA [42.99, -88.99]  06/12/08 18:06 CST 0 Funnel Cloud  06/12/08 18:06 CST 0 Funnel Cloud  06/12/08 18:06 CST 0 Source: Trained Spotter  JEFFERSON COUNTY — 2.0 SW CONCORD [43.05, -88.63]  06/12/08 18:06 CST 0 Funnel Cloud  06/12/08 18:06 CST 0 Source: Law Enforcement  DANE COUNTY — UTICA [42.97, -89.12]  06/12/08 18:06 CST 0 Source: Law Enforcement  DANE COUNTY — UTICA [42.97, -89.12]  06/12/08 18:12 CST 0 Source: Trained Spotter  Powerful thunderstorms winds knocked large branches out of several frees.  DANE COUNTY — CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FTCHBURG [42.95, -89.47]  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain)  06/12/08 22:00 CST 64.0M Source: Trained Spotter  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash flood in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last flere on June 12th. Therefore, the collective breakdown is provided in this last June 12th flash flood for breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood devent. Therefore, the collective breakdown is provided in this flood flood of 3 feet or more and several cars stalled. This was the last of 6 flash flood divend page to homes, businesses, and crops was noted. It was nearly		06/12/08 19:30 CST		10K	Source: Public
DANE COUNTY 2.0 NE UTICA [42.99, -89.99]   O6/12/08 18:08 CST	County on 3 different days. The first one occurr homes, businesses, and crops was noted. It was	red on June 7th, the next two or as nearly impossible to break do	n June 8th, and the	e last three on June	e 12th. In all six cases, damage to
DANE COUNTY 2.0 NE UTICA [42.99, -89.98]  06/12/08 18:08 CST 0	JEFFERSON COUNTY 1.0 N LAKE MILLS [4	43.09, -88.90]			
DANE COUNTY 2.0 NE UTICA [42.99, -89.09]  06/12/08 18:08 CST  0		06/12/08 18:06 CST		0	Funnel Cloud
JEFFERSON COUNTY 2.0 SW CONCORD [43.05, -88.63]  06/12/08 18:09 CST  06/12/08 18:09 CST  06/12/08 18:09 CST  06/12/08 18:09 CST  06/12/08 18:12 CST  07/12/08 18:12 CST  08/12/08 18:1		06/12/08 18:06 CST		0	Source: Trained Spotter
JEFFERSON COUNTY 2.0 SW CONCORD [43.05, -88.63]  06/12/08 18:09 CST  06/12/08 18:09 CST  06/12/08 18:09 CST  06/12/08 18:09 CST  06/12/08 18:12 CST  07/12/08 18:12 CST  08/12/08 18:1	DANE COUNTY 2.0 NE UTICA [42.99, -89.09	<u> </u>			
JEFFERSON COUNTY 2.0 SW CONCORD [43.05, -88.63]  06/12/08 18:09 CST 0 Source: Law Enforcement  DANE COUNTY UTICA [42.97, -89.12]  06/12/08 18:12 CST 0 Thunderstorm Wind (EG 50 kt) 06/12/08 18:12 CST 0 Source: Trained Spotter  Powerful thunderstorms winds knocked large branches out of several trees.  DANE COUNTY CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG [42.95, -89.47]  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain) 06/12/08 22:00 CST 64.60M Source: Trained Spotter  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.  Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$677 thousand). Crop losses were estimated at \$64.6 million. Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.  FOND DU LAC COUNTY ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]	• • • • • • • • • • • • • • • • • • • •	•		0	Funnel Cloud
DANE COUNTY UTICA [42.97, -89.12]  06/12/08 18:12 CST 0		06/12/08 18:08 CST		0	Source: Trained Spotter
DANE COUNTY UTICA [42:97, -89.12]  06/12/08 18:12 CST 0 Source: Trained Spotter  Powerful thunderstorms winds knocked large branches out of several trees.  DANE COUNTY CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG  [42.95, -89.47] 06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain) 06/12/08 22:00 CST 64.60M Source: Trained Spotter  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.  Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$6.797 million). Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.  FOND DU LAC COUNTY ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]	JEFFERSON COUNTY 2.0 SW CONCORD [-			•	E worl Olovel
DANE COUNTY UTICA [42.97, -89.12]  06/12/08 18:12 CST  0 Thunderstorm Wind (EG 50 kt) 06/12/08 18:12 CST  0 Source: Trained Spotter  Powerful thunderstorms winds knocked large branches out of several trees.  DANE COUNTY CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG [42.95, -89.47]  06/12/08 19:00 CST  13.54M Flash Flood (due to Heavy Rain) 06/12/08 22:00 CST  64.60M Source: Trained Spotter  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.  Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$6.777 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$6.777 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$6.777 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$6.777 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$6.777 million). Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.					
06/12/08 18:12 CST 0 Thunderstorm Wind (EG 50 kt) 06/12/08 18:12 CST 0 Source: Trained Spotter  Powerful thunderstorms winds knocked large branches out of several trees.  DANE COUNTY CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG [42.95, -89.47] 06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain) 06/12/08 22:00 CST 64.60M Source: Trained Spotter  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.  Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$677 thousand). Crop losses were estimated at \$64.6 million. Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.  FOND DU LAC COUNTY ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]		06/12/08 18:09 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked large branches out of several trees.  DANE COUNTY CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG [42.95, -89.47]  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain) 06/12/08 22:00 CST 64.60M Source: Trained Spotter  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.  Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.79 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$677 thousand). Crop losses were estimated at \$64.6 million. Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.  FOND DU LAC COUNTY ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]	DANE COUNTY UTICA [42.97, -89.12]				
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DANE COUNTY CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG [42.95, -89.47]  06/12/08 19:00 CST 13.54M Flash Flood (due to Heavy Rain) 06/12/08 22:00 CST 64.60M Source: Trained Spotter  Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.  Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$677 thousand). Crop losses were estimated at \$64.6 million. Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.  FOND DU LAC COUNTY ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]  06/12/08 20:00 CST 25K Flash Flood (due to Heavy Rain)		06/12/08 18:12 CST		0	Source: Trained Spotter
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Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.  Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$677 thousand). Crop losses were estimated at \$64.6 million. Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.  FOND DU LAC COUNTY ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]  06/12/08 20:00 CST  25K  Flash Flood (due to Heavy Rain)					
sustained damage.  FOND DU LAC COUNTY ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]  06/12/08 20:00 CST 25K Flash Flood (due to Heavy Rain)	County on 3 different days. The first one occurr homes, businesses, and crops was noted. It was is provided in this last June 12th flash flood Store Some farm fields remained flooded into early Ju with major damage, and 3 destroyed (total of \$6	red on June 7th, the next two or as nearly impossible to break do rmData entry for Dane County. uly. The breakdown for resident 5.797 million). The breakdown	n June 8th, and the own the damages tial home losses w for business losse	e last three on June by flash flood even ere: 2020 minimall s were: 152 with m	e 12th. In all six cases, damage to  it. Therefore, the collective breakdown  y affected, 248 with minor damage, 109  ninor damage, and 3 with major damage
-88.56] 06/12/08 20:00 CST 25K Flash Flood (due to Heavy Rain)	, ,				
06/12/08 20:00 CST 25K Flash Flood (due to Heavy Rain)	_	2, -88.63], TAYCHEEDAH [43.86	0, -88.40], EDEN [4	43.70, -88.37], 5.0	SW FOND DU LAC AIRPORT [43.72,
	-00.001	06/12/08 20:00 CST		25K	Flash Flood (due to Heavy Rain)

WAUKESHA COUNTY --- WALES [43.00, -88.37], NASHOTAH [43.10, -88.40], DOWNTOWN WAUKESHA [43.02, -88.22], MUSKEGO [42.90, -88.13]

and most roads were under 2 to 4 feet of water. Several vehciles stalled in the deep water and sustained water damage.

Heavy rains led to widespread flash flooding around the city of Fond du Lac. The river flowing through downtown rose out of its banks up to the bridges

06/12/08 20:20 CST 1 25K Flash Flood (due to Heavy Rain)

06/13/08 00:30 CST 0 Source: Trained Spotter

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Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

Heavy rains led to flash flooding that generated water levels of 2 to 4 feet deep on many low-lying roads, especially near existing lakes. Several vehicles stalled in the deep water and were damaged. A 68-year-old man left a tavern around 2245 CST and drove into a flooded area. He attempted to walk/swim away from his vehicle and drowned.

Direct Fatalities: M68OU

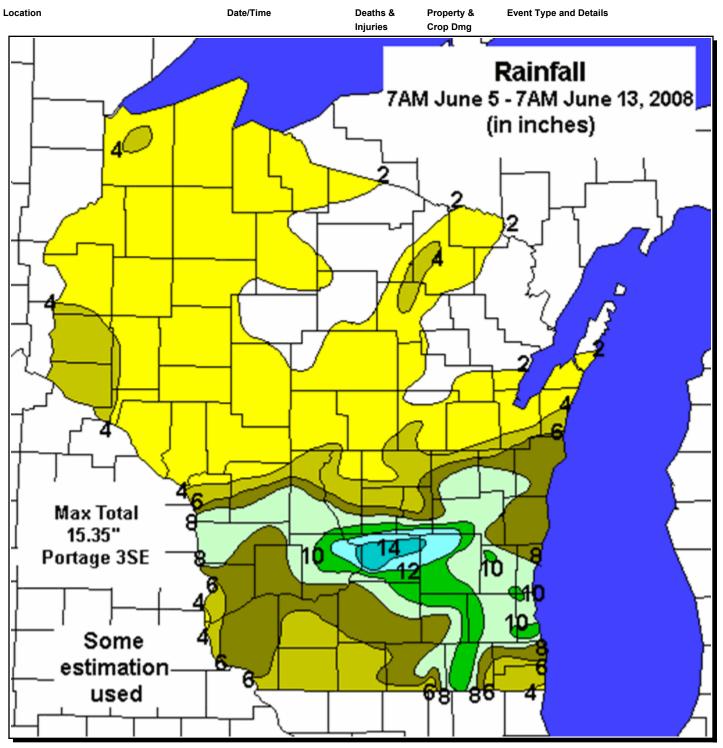
A series of clusters of strong to severe storms ahead of a cold front moved east/northeast across south-central and sourtheast Wisconsin. Copious amounts of moisture were available that allowed repeated heavy rains. Additionally, there was sufficient vertical wind shear to allow for the generation of supercell thunderstorms with rotating updrafts that led to seven tornadoes in this part of the state of Wisconsin. The flooding rains constituted the 2nd round/punch of heavy rains that led to more widespread and severe flash flooding and record-setting river flooding (1st punch was Jun 7-9, 2008).

The axis of heavy rains on June 12th extended from Lafayette County northeast through Dane County to eastern Green Lake County and western Fond du Lac County. Generally 4 to 6 inches fell in this area, with 1 to 4 inches elsewhere. The generous rains in June at Milwuakee led to a montly total of 12.27 inches. This easily broke the record for highest June rainfall total. The previous record was 10.13 inches, set in 1917, and also makes June, 2008, the wettest month ever at Milwaukee.

The Rock River crested at all-time record high levels at the following gauage sites: Waupun (10.07' on 6/13), Horicon (10.29' on 6/17), Watertown (7.81' on 6/13), Jefferson (15.64' on 6/18), Ft. Atkinson (10.85' on 6/21), Newville (15.12' on 6/21), Indianford (18.33' on 6/21), and Afton (13.51' on 6/21). Likewise, the Crawfish River set a new all-time high crest of 13.59' on 6/16 at Milford, and Beaver Dam Creek set a new record of 843.53' on 6/16 at Beaver Dam. Other, new, all-time record high crests include 4.47' on 6/9 on the Bark River at Rome, 4.95' on 6/13 on the Mukwonago River at Mukwonago, 11.41' on 6/8 on Oak Creek in South Milwaukee, 13.93' on 6/13 on the Milwaukee River near Cedarburg, 13.54' on 6/15 on the Fox River at Burlington, and 15.18' on 6/15 on the Fox River at New Munster.

High water levels generaged major road blocks, for various periods, on Interstate 94 in Jefferson and Waukesha Counties, on Interstate 894 in Milwaukee, and on Interstate 39/90/94 in Columbia County near Portage. Most inland lakes rose to high levels that resulted in minor shoreline damage to piers, etc.

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Rainfall totals from 7 am June 5th through 7 am June 13th.

DANE COUNTY --- 1.0 W MT HOREB [43.00, -89.75]

-	06/14/08 14:46 CST	0	Thunderstorm Wind (MG 50 kt)	
	06/14/08 14:46 CST	0	Source: Trained Spotter	
	and have also and afternoon			
Powerful thunderstorm wind gusts broke lar	ge branches out of trees.			
DANE COUNTY MC FARLAND [43.02, -8				
		0	Hail (1.00 in)	

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ROCK COUNTY --- 2.0 NW ORFORDVILLE [42.65, -89.28]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JEFFERSON COUNTY 2.0 W LAKE MILLS [43.		08, -88.90]		
	06/14/08 15:20 CST		0	Hail (1.00 in)
	06/14/08 15:21 CST		0	Source: Trained Spotter
DANE COUNTY SUN PRAIRIE [43.18, -89.20]				
	06/14/08 15:42 CST		0	Hail (0.88 in)
	06/14/08 15:42 CST		0	Source: Law Enforcement
JEFFERSON COUNTY WATERTOWN [43.20, -{	38.72]			
	06/14/08 15:54 CST		0	Hail (0.75 in)
	06/14/08 15:54 CST		0	Source: Trained Spotter
MILWAUKEE COUNTY WAUWATOSA [43.05, -	87.95]			
• • • • •	06/14/08 16:40 CST		20K	Lightning
	06/14/08 16:40 CST		0	Source: Newspaper
Lightning struck a home and started a fire that dam	age the roof.			
An upper-level impulse along with steep lapse ra	tes produced scattered seve	ere thunderstorr	ns during the after	noon and evening.
Large hail and downburst, straight-line winds, af	fectes parts of south-centra	l and southeast	Wisconsin.	
ROCK COUNTY 2.0 NE ORFORDVILLE [42.65,		57, -89.10]		
	06/20/08 14:15 CST		0	Thunderstorm Wind (EG 56 kt)
	06/20/08 14:30 CST		0	Source: Law Enforcement
ROCK COUNTY 2.0 ESE ORFORDVILLE [42.62	06/20/08 14:20 CST		0	Hail (0.88 in)
	06/20/08 14:20 CST		0	Source: Trained Spotter
KENOSHA COUNTY 2.0 SE CAMP LAKE [42.50				
	06/20/08 15:50 CST		0	Hail (0.88 in)
	06/20/08 15:50 CST		0	Source: Trained Spotter
A weak upper-level disturbance along with mode severe thunderstorms.	rately unstable atmosphere	and steep low le	evel lapse rates res	sulted in scattered
SAUK COUNTY 5.0 W PLAIN [43.28, -90.15]				
	06/28/08 12:40 CST		0	Hail (1.00 in)
	06/28/08 12:40 CST		0	Source: Trained Spotter
GREEN COUNTY BROWNTOWN [42.58, -89.82				
	06/28/08 12:45 CST		0	Hail (1.00 in)
	06/28/08 12:55 CST		0	Source: Trained Spotter
GREEN COUNTY 1.0 S MONROE [42.59, -89.63	1			
	06/28/08 12:55 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 12:55 CST		0	Source: Law Enforcement
Trees down.				
GREEN COUNTY BRODHEAD [42.62, -89.37]				
CREEK COOK! 1 BRODHEAD [42.02, -09.37]	06/28/08 13:05 CST		0	Hail (0.75 in)
	06/28/08 13:05 CST		0	Source: Public
	13.20.00 10.00 001		ŭ	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/28/08 13:07 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 13:07 CST		0	Source: Trained Spotter
Powerful thunderstorms winds knocked down se	veral large tree branches while	e pea-size hail fell.		
COLUMBIA COUNTY 1.0 W PORTAGE [43.55				
	06/28/08 13:23 CST		0	Hail (1.75 in)
	06/28/08 13:23 CST		0	Source: Law Enforcement
DODGE COUNTY FOX LAKE [43.57, -88.90],		77]		
	06/28/08 13:30 CST		0	Hail (1.75 in)
	06/28/08 13:45 CST		0	Source: Law Enforcement
Hail ranging from 1 inch in diameter in Fox Lake No damage was reported, although damage was		laupun. The grour	nd was completely	covered with hail in the Fox Lake area.
ROCK COUNTY BELOIT [42.52, -89.03]				
	06/28/08 13:45 CST		0	Hail (0.88 in)
	06/28/08 13:45 CST		0	Source: Law Enforcement
COLUMBIA COUNTY 5.0 SW COLUMBUS [4:	3.28, -89.091, COLUMBUS 143	3.33, -89.021		
	06/28/08 13:50 CST	,	0	Thunderstorm Wind (MG 73 kt)
	06/28/08 13:55 CST		0	Source: Mesonet
ROCK COUNTY CLINTON [42.57, -88.87]	06/28/08 13:52 CST 06/28/08 13:52 CST		0	Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
Powerful thunderstorms winds knocked down lar	ge trees in the Clinton area.			
JEFFERSON COUNTY HUBBLETON [43.20,	-88.88]			
	06/28/08 13:55 CST		40K	Thunderstorm Wind (EG 74 kt)
	06/28/08 13:55 CST		0	Source: Law Enforcement
Powerful thunderstorms winds rolled through the blown over, numerous uprooted or snapped large Juneau area in Dodge County, the Ixonia winds win	e trees, and downed power-lir were estimated at about 74 kr	es. Based on mea		·
WAUKESHA COUNTY 2.0 N DOUSMAN [43.0	05, -88.47] 06/28/08 13:57 CST		0	Hail (0.75 in)
	06/28/08 13:57 CST		0	Source: Law Enforcement
			-	
WAUKESHA COUNTY OCONOMOWOC [43.1	· •			
	06/28/08 13:57 CST		0	Thunderstorm Wind (EG 61 kt)
	06/28/08 13:57 CST		0	Source: Public
Powerful thunderstorms winds knocked down a f	ew large trees.			
FOND DU LAC COUNTY 4.0 E OAKFIELD [43	3.68, -88.47]			
	06/28/08 14:02 CST		0	Hail (1.00 in)
	06/28/08 14:02 CST		0	Source: Trained Spotter
WAUKESHA COUNTY 2.0 N DOWNTOWN W	AUKESHA [43.0588.22]			
	06/28/08 14:05 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 14:05 CST		0	Source: Unknown
Trees damaged.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DODGE COUNTY 3.0 SSW JUNEA	U [43.36, -88.72], THERESA [43.52, -88.4	45]		
	06/28/08 14:07 CST		75K	Thunderstorm Wind (MG 71 kt)
	06/28/08 14:25 CST		0	Source: Public
Powerful thunderstorms winds knocke was measured at the Dodge County A	d down large trees, and blew a barn dow irport (KUNU) just north of Juneau.	n south-southwes	t of Juneau. A max	ximum wind gust of 71 knots (82 mph)
KENOSHA COUNTY 5.0 NNE PAD	DOCK LAKE [42.65, -88.08]			
	06/28/08 14:10 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 14:10 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocke	d down a few large trees.			
RACINE COUNTY 5.0 WNW DOWN	ITOWN RACINE [42.75, -87.89], DOWNT	OWN RACINE [42	2.72, -87.80]	
	06/28/08 14:20 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/28/08 14:25 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocke	d down large trees and power-lines.			
WASHINGTON COUNTY 1.0 W JA				
	06/28/08 14:20 CST		0	Thunderstorm Wind (MG 50 kt)
	06/28/08 14:20 CST		0	Source: Amateur Radio
Powerful thunderstorms winds knocke	d down a few large trees.			
KENOSHA COUNTY DOWNTOWN	KENOSHA [42.58, -87.83]			
	06/28/08 14:22 CST		50K	Thunderstorm Wind (EG 56 kt)
	06/28/08 14:30 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocke	d down large trees and power-lines throu	ighout the city of k	Čenosha.	
OZAUKEE COUNTY CEDARBURG	[43.28, -87.98]			
	06/28/08 14:23 CST		0.50K	Thunderstorm Wind (MG 57 kt)
	06/28/08 14:25 CST	2	0	Source: Law Enforcement
	d down a few large trees, andn blew dow anches and received medical treatment f		e annual Strawber	ry Festival. Two people at the
DODGE COUNTY 1.0 NW LOMIRA	-			
	06/28/08 14:34 CST		0	Hail (0.75 in)
	06/28/08 14:34 CST		0	Source: Trained Spotter

The ground was covered white with hail, and wind gusts to about 43 knots (50 mph) were noted by the trained spotter.

A vigorous, cold, upper-level low pressure was over northwest Wisconsin while a short-wave trough rotated around it through southern Wisconsin. Steep lapse rates and moderate instability led to small clusters of storms, some pulsing to severe limits, moved northeast through southern Wisconsin. Most locations experienced thunderstorm wind gusts to 39 to 43 knots (45 to 50 mph), but several experienced wind gusts of 50 knots (58 mph) or higher.

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Deaths &

Property &

**Event Type and Details** 

Printed on:

Date/Time

Location

LAKE MICHIGAN				
WIND PT LT WI TO WINTHROP HBR IL COUNTY -	-	.58, -87.07]	_	
	07/02/08 14:33 CST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/02/08 14:33 CST		0	Source: Buoy
VIND PT LT WI TO WINTHROP HBR IL COUNTY -	1.3 NE RACINE [42.73, -87	.78]		
	07/02/08 17:15 CST		0	Marine Thunderstorm Wind (MG 51 kt)
	07/02/08 17:15 CST		0	Source: Mesonet
ORTH PT LT TO WIND PT WI COUNTY 1.0 ES	E CUDAHY [42.9487.83]			
	07/02/08 17:40 CST		0	Marine Thunderstorm Wind (EG 37 kt)
	07/02/08 17:40 CST		0	Source: Public
lusters or short, bowing line segments of thund powerful downburst winds up to 51 knots. The mperatures were in the lower to middle 80s with	storms developed in a pre-f h surface dewpoints in the u	rontal converge	ence zone ahead o	f a cold front. Air
NORTH PT LT TO WIND PT WI COUNTY 1.0 ES	07/07/08 08:07 CST		0	Marine Thunderstorm Wind (EG 44 kt)
	07/07/08 08:07 CST		0	Source: Public
isconsin, with a 30 knot low-level jet at 850 MB.			ugh at 500 MB mov middle 70s with su	
Visconsin, with a 30 knot low-level jet at 850 MB. 0.	Surface temperatures were		=	
Visconsin, with a 30 knot low-level jet at 850 MB. 0.	Surface temperatures were		middle 70s with su	urface dewpoints around
Visconsin, with a 30 knot low-level jet at 850 MB. 0. IORTH PT LT TO WIND PT WI COUNTY 1.0 ES	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST	in the lower to	middle 70s with su	urface dewpoints around  Marine Thunderstorm Wind (EG 35 kt)
Visconsin, with a 30 knot low-level jet at 850 MB. 0. ORTH PT LT TO WIND PT WI COUNTY 1.0 ES	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST	in the lower to	middle 70s with su	urface dewpoints around  Marine Thunderstorm Wind (EG 35 kt)
Wisconsin, with a 30 knot low-level jet at 850 MB. 70. NORTH PT LT TO WIND PT WI COUNTY 1.0 ES	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST	in the lower to	o 0	Marine Thunderstorm Wind (EG 35 kt) Source: Public
Visconsin, with a 30 knot low-level jet at 850 MB.  NORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY  Several clusters or short bowing line segments of of the segments of th	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST 1.4 E SHEBOYGAN [43.75 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:00 CST	, -87.69] It to east over the winds. Vorticiy maxim	0 0 0 0 0 Surface temperatu	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and
Visconsin, with a 30 knot low-level jet at 850 MB.  O.  HORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY  Several clusters or short bowing line segments of fernoon and evening hours of July 10th. The staurface dewpoints in the 60s resulted in CAPE value.	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST 1.4 E SHEBOYGAN [43.75 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:00 CST	, -87.69] It to east over the winds. Vorticiy maxim	0 0 0 waters of Lake I	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and
Visconsin, with a 30 knot low-level jet at 850 MB.  IORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY  Several clusters or short bowing line segments of ternoon and evening hours of July 10th. The staurface dewpoints in the 60s resulted in CAPE value.	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST 1.4 E SHEBOYGAN [43.75 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:00 CST of thunderstorms moved wesorms produced powerful dovablues of 1500 to 2000 while a	, -87.69] It to east over the winds. Vorticiy maxim	0 0 0 Surface temperatus a at 500 MB moved	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and
Visconsin, with a 30 knot low-level jet at 850 MB.  OO.  OORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY  Geveral clusters or short bowing line segments of the segments	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST 1.4 E SHEBOYGAN [43.75 07/10/08 19:20 CST 07/10/08 19:20 CST of thunderstorms moved westerns produced powerful downlues of 1500 to 2000 while a	in the lower to  , -87.69]  It to east over the symburst winds. vorticity maxim , -87.69]	0 0 0 Surface temperatu	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt)
Visconsin, with a 30 knot low-level jet at 850 MB.  ORTH PT LT TO WIND PT WI COUNTY 1.0 ES  HEBOYGAN TO PT WASHINGTON WI COUNTY everal clusters or short bowing line segments of fternoon and evening hours of July 10th. The strurface dewpoints in the 60s resulted in CAPE value Michigan.  HEBOYGAN TO PT WASHINGTON WI COUNTY of the structure of	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST	in the lower to  , -87.69]  It to east over the symburst winds. vorticity maxim , -87.69]	0 0 0 see waters of Lake M Surface temperature at 500 MB moved	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt) Source: C-MAN Station
Visconsin, with a 30 knot low-level jet at 850 MB.  ORTH PT LT TO WIND PT WI COUNTY 1.0 ES  HEBOYGAN TO PT WASHINGTON WI COUNTY everal clusters or short bowing line segments of fternoon and evening hours of July 10th. The strurface dewpoints in the 60s resulted in CAPE value Michigan.  HEBOYGAN TO PT WASHINGTON WI COUNTY of the segments of July 10th.	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST	in the lower to  , -87.69]  it to east over the strong to	0 0 0 see waters of Lake M Surface temperature at 500 MB moved 0 0	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt) Source: C-MAN Station  Marine Thunderstorm Wind (EG 39 kt)
Wisconsin, with a 30 knot low-level jet at 850 MB.  NORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY  Several clusters or short bowing line segments of lifernoon and evening hours of July 10th. The structure dewpoints in the 60s resulted in CAPE value Michigan.  SHEBOYGAN TO PT WASHINGTON WI COUNTY  SHEBOYGAN TO PT WASHINGTON WI COUNTY	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST	in the lower to  , -87.69]  it to east over the strong to	0 0 0 Surface temperatua at 500 MB moved	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt) Source: C-MAN Station  Marine Thunderstorm Wind (EG 39 kt) Source: Public
Visconsin, with a 30 knot low-level jet at 850 MB.  NORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY for the segments of the segments of surface dewpoints in the 60s resulted in CAPE value.  SHEBOYGAN TO PT WASHINGTON WI COUNTY for the segments of the s	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST 1.4 E SHEBOYGAN [43.75 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:20 CST of thunderstorms moved westorms produced powerful dovalues of 1500 to 2000 while a 1.4 E SHEBOYGAN [43.75 07/12/08 02:08 CST 07/12/08 02:08 CST 2.7 E OOSTBURG [43.62, 07/12/08 02:25 CST 07/12/08 02:25 CST	in the lower to  , -87.69]  it to east over the strong to	o o o o see waters of Lake M Surface temperature at 500 MB moved  0 o o o o o o o o o o o o o o o o o o	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt) Source: C-MAN Station  Marine Thunderstorm Wind (EG 39 kt) Source: Public
Wisconsin, with a 30 knot low-level jet at 850 MB.  NORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY  Several clusters or short bowing line segments of lifernoon and evening hours of July 10th. The structure dewpoints in the 60s resulted in CAPE value Michigan.  SHEBOYGAN TO PT WASHINGTON WI COUNTY  SHEBOYGAN TO PT WASHINGTON WI COUNTY	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST	in the lower to  , -87.69]  it to east over the strong to	0 0 0 Surface temperatua at 500 MB moved	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt) Source: C-MAN Station  Marine Thunderstorm Wind (EG 39 kt) Source: Public
Visconsin, with a 30 knot low-level jet at 850 MB.  IORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY fernoon and evening hours of July 10th. The strurface dewpoints in the 60s resulted in CAPE value Michigan.  SHEBOYGAN TO PT WASHINGTON WI COUNTY free HEBOYGAN TO NORTH PT LT	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:20 CST of thunderstorms moved wester by the second of the second o	in the lower to  , -87.69] It to east over the symbol of t	O O O O O O O O O O O O O O O O O O O	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt) Source: C-MAN Station  Marine Thunderstorm Wind (EG 39 kt) Source: Public
Wisconsin, with a 30 knot low-level jet at 850 MB. 70.  NORTH PT LT TO WIND PT WI COUNTY 1.0 ES  SHEBOYGAN TO PT WASHINGTON WI COUNTY for a segments of afternoon and evening hours of July 10th. The stream of the segments of surface dewpoints in the 60s resulted in CAPE value Michigan.  SHEBOYGAN TO PT WASHINGTON WI COUNTY for WASHINGTON WI COUNTY for WASHINGTON WI COUNTY for WASHINGTON TO NORTH PT LT WI COUNTY	E CUDAHY [42.94, -87.83] 07/10/08 18:08 CST 07/10/08 18:08 CST 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:20 CST 07/10/08 19:20 CST of thunderstorms moved wester by the second of the second o	in the lower to  , -87.69] It to east over the symbol of t	O O O O O O O O O O O O O O O O O O O	Marine Thunderstorm Wind (EG 35 kt) Source: Public  Marine Thunderstorm Wind (MG 37 kt) Source: C-MAN Station  Michigan during the late ures in the 80s and d across Wisconsin and  Marine Thunderstorm Wind (MG 36 kt) Source: C-MAN Station  Marine Thunderstorm Wind (EG 39 kt) Source: Public

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A line of strong thunderstorms moved from southern Wisconsin out over the waters of Lake Michigan during the early morning hours

of July 12th. The storms produced wind gusts up to 45 knots.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHEBOYGAN TO PT WASHINGTON WI COUNTY	1.4 E SHEBOYGAN [43.75]	, -87.69]		
	07/16/08 14:59 CST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/16/08 14:59 CST		0	Source: C-MAN Station
SHEBOYGAN TO PT WASHINGTON WI COUNTY	1.4 E SHEBOYGAN [43.75	, -87.69]		
	07/16/08 15:15 CST		0	Marine Thunderstorm Wind (MG 60 kt)
	07/16/08 15:15 CST		0	Source: C-MAN Station
NORTH PT LT TO WIND PT WI COUNTY 1.0 ES	SE CUDAHY [42.94, -87.83]			
	07/16/08 15:36 CST		0	Marine Thunderstorm Wind (EG 40 kt)
	07/16/08 15:36 CST		0	Source: Public
NORTH PT LT TO WIND PT WI COUNTY 3.5 SE	NORTH POINT LTHOUSE [4	3.05, -87.88]		
	07/16/08 15:40 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/16/08 15:40 CST		0	Source: Other Federal Agency
WIND PT LT WI TO WINTHROP HBR IL COUNTY	3.0 ESE WIND POINT [42.7	6, -87.78]		
	07/16/08 16:00 CST		0	Marine Thunderstorm Wind (EG 41 kt)
	07/16/08 16:00 CST		0	Source: Public
WIND PT LT WI TO WINTHROP HBR IL COUNTY	1.2 ENE KENOSHA [42.59,	-87.81]		
	07/16/08 16:59 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/16/08 16:59 CST		0	Source: Official NWS Observations
WIND PT LT WI TO WINTHROP HBR IL COUNTY	38.3 E CAROL BEACH [42	.57, -87.07]		
	07/16/08 16:59 CST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/16/08 16:59 CST		0	Source: Buoy
WIND PT LT WI TO WINTHROP HBR IL COUNTY		.56, -87.07]		
	07/16/08 16:59 CST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/16/08 16:59 CST		0	Source: Buoy

A convective thunderstorm complex moved east/southeast across southern Wisconsin and over the waters of Lake Michigan. The complex generated a line of strong to severe storms. Powerful thunderstorm winds gusts to 60 knots were produced by the storms. Surface dewpoints were in the lower to mid 70s, and CAPE values were 3000 to 4000. Maximum afternoon temperatures were in the 85 to 90 range.

SAUK COUNTY 4.0 SE LAKE DELTON [43.54	, -89.72]		
	07/02/08 08:13 CST	0	Hail (0.75 in)
	07/02/08 08:13 CST	0	Source: Public
OWA COUNTY 4.0 SW MINERAL PT [42.81,	90.24]		
	07/02/08 08:52 CST	0	Hail (0.88 in)
	07/02/08 08:52 CST	0	Source: Law Enforcement
OZAUKEE COUNTY BELGIUM [43.50, -87.85]			
	07/02/08 09:10 CST	0	Hail (0.75 in)
	07/02/08 09:10 CST	0	Source: Post Office
FOND DU LAC COUNTY 4.0 SW ROSENDALI	E [43.76, -88.74]		
	07/02/08 09:15 CST	0	Thunderstorm Wind (EG 56 kt)
	07/02/08 09:15 CST	0	Source: Post Office

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DANE COUNTY 2.0 E MT HOREB [43.00, -89.0	69]			
	07/02/08 09:22 CST		0	Hail (0.75 in)
	07/02/08 09:22 CST		0	Source: Public
EFFERSON COUNTY JOHNSON CREEK [43	3.08, -88.77], 5.0 E JOHNSON 07/02/08 10:19 CST	CREEK [43.08, -8	<b>8.67]</b> 0	Hail (1.00 in)
	07/02/08 10:25 CST		0	Source: Trained Spotter
VAUKESHA COUNTY HARTLAND [43.10, -88	3.35], PEWAUKEE CAPITAL	ARP [43.08, -88.18		
	07/02/08 10:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/02/08 10:45 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled large trees	and broken branches pulled s	some power-lines of	lown.	
MILWAUKEE COUNTY 1.0 E TIMMERMAN AF				
	07/02/08 11:00 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/02/08 11:00 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled a few large	trees, and broken branches p	oulled down some	power-lines.	
RACINE COUNTY 1.0 N DOWNTOWN RACINI	E [42.73, -87.80], 1.0 SW DOV	WNTOWN RACINE	[42.71, -87.81]	
	07/02/08 17:15 CST		0	Thunderstorm Wind (MG 51 kt)
	07/02/08 17:20 CST		0	Source: Mesonet
RACINE COUNTY DOWNTOWN RACINE [42.]	7287.801			
RACINE COUNTY DOWNTOWN RACINE [42.1	72, -87.80] 07/02/08 17:15 CST 07/02/08 17:15 CST		0	Hail (0.75 in) Source: Public
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) the cold front. Air temperatures were in the lower t	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered at toppled trees. The storms	s developed in a p	0 nail up to 1 inch in pre-frontal converg	Source: Public diameter and powerful gence zone ahead of a
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) the cold front. Air temperatures were in the lower to 1500 to 2000.	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered at toppled trees. The storms to middle 80s with surface do	s developed in a pewpoints in the up	0 nail up to 1 inch in pre-frontal converg oper 60s to lower 7	Source: Public diameter and powerful gence zone ahead of a 70s. CAPE values were
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) the cold front. Air temperatures were in the lower to 1500 to 2000.	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered at toppled trees. The storms to middle 80s with surface do VAUKESHA [43.04, -88.19], B 07/07/08 07:45 CST	s developed in a pewpoints in the up	0 nail up to 1 inch in pre-frontal converg oper 60s to lower 7 17, -88.15]	Source: Public  diameter and powerful gence zone ahead of a 70s. CAPE values were  Thunderstorm Wind (EG 50 kt)
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) th cold front. Air temperatures were in the lower to 1500 to 2000.	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered at toppled trees. The storms to middle 80s with surface do VAUKESHA [43.04, -88.19], B 07/07/08 07:45 CST 07/07/08 07:50 CST	s developed in a pewpoints in the up	0 nail up to 1 inch in pre-frontal converg oper 60s to lower 7	Source: Public diameter and powerful gence zone ahead of a 70s. CAPE values were
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) th cold front. Air temperatures were in the lower to 1500 to 2000.  WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKESHA COUNTY	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered in toppled trees. The storms to middle 80s with surface do water to middle 80s with surface do water 18.04, -88.19], B 07/07/08 07:45 CST 07/07/08 07:50 CST ches out of several trees.	s developed in a pewpoints in the up	0 aail up to 1 inch in ore-frontal converg oper 60s to lower 7 17, -88.15] 0 0	Source: Public  diameter and powerful gence zone ahead of a  70s. CAPE values were  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) th cold front. Air temperatures were in the lower to 1500 to 2000.  WAUKESHA COUNTY 2.0 NE DOWNTOWN WATER TOWNTOWN WATE	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered in toppled trees. The storms to middle 80s with surface do walkesha [43.04, -88.19], B 07/07/08 07:45 CST 07/07/08 07:50 CST ches out of several trees.  MILWAUKEE [43.08, -88.04], 07/07/08 09:00 CST	s developed in a pewpoints in the up	0 nail up to 1 inch in ore-frontal converg oper 60s to lower 7 17, -88.15] 0 0 7, -88.08] 10K	Source: Public  diameter and powerful gence zone ahead of a 70s. CAPE values were  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt)
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) th cold front. Air temperatures were in the lower to 1500 to 2000.  NAUKESHA COUNTY 2.0 NE DOWNTOWN We have to the country and the country and the country are considered by the country are c	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered in toppled trees. The storms to middle 80s with surface do water to middle 80s with surface do water 18.04, -88.19], B 07/07/08 07:45 CST 07/07/08 07:50 CST ches out of several trees.	s developed in a pewpoints in the up	0 aail up to 1 inch in ore-frontal converg oper 60s to lower 7 17, -88.15] 0 0	Source: Public  diameter and powerful gence zone ahead of a  70s. CAPE values were  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) the cold front. Air temperatures were in the lower to 1500 to 2000.  WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKEE COUNTY 5.0 NW DOWNTOWN  WAUKEE COUNTY 5.0 NW DOWNTOWN	07/02/08 17:15 CST 07/02/08 17:15 CST 07/02/08 17:15 CST  storms resulted in scattered in toppled trees. The storms to middle 80s with surface do water to middle 80s with sur	s developed in a pewpoints in the uperconstruction in the uperconstruction [43.0]	0 nail up to 1 inch in ore-frontal converg oper 60s to lower 7 17, -88.15] 0 0 7, -88.08] 10K 0	Source: Public  diameter and powerful gence zone ahead of a 70s. CAPE values were  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) the cold front. Air temperatures were in the lower to 1500 to 2000.  WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKESHA COUNTY 5.0 NW DOWNTOWN WAUKEE COUNTY 5.0 NW DOWNTOWN  Powerful thunderstorm winds pushed over severa Co.) and resulted in minor damage.  A cluster of storms developed over Jefferson Co of powerful downburst winds were received. Til Wisconsin, with a 30 knot low-level jet at 850 M 70.	07/02/08 17:15 CST 07/02/08 17:15 CST 07/02/08 17:15 CST  storms resulted in scattered at toppled trees. The storms to middle 80s with surface do  VAUKESHA [43.04, -88.19], B 07/07/08 07:45 CST 07/07/08 07:50 CST  ches out of several trees.  MILWAUKEE [43.08, -88.04], 07/07/08 09:00 CST 07/07/08 09:05 CST al large trees and knocked bracked bracked bracked bracked bracked brown were associated with the storms we	s developed in a pewpoints in the upewpoints in	o ail up to 1 inch in ore-frontal convergoper 60s to lower 7 or 7, -88.15]  o o o o o o o o o o o o o o o o o o o	Source: Public  diameter and powerful gence zone ahead of a 70s. CAPE values were  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt) Source: Trained Spotter  ell on a home in Franklin (Milwaukee  ties. Scattered reports moving east through
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) the cold front. Air temperatures were in the lower to 1500 to 2000.  WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKEE COUNTY 5.0 NW DOWNTOWN  Powerful thunderstorm winds knocked large branch and the country 5.0 NW DOWNTOWN  Powerful thunderstorm winds pushed over severation.) and resulted in minor damage.  A cluster of storms developed over Jefferson Cof powerful downburst winds were received. Til Wisconsin, with a 30 knot low-level jet at 850 M	07/02/08 17:15 CST 07/02/08 17:15 CST storms resulted in scattered at toppled trees. The storms to middle 80s with surface do walkesha [43.04, -88.19], B 07/07/08 07:45 CST 07/07/08 07:50 CST ches out of several trees.  MILWAUKEE [43.08, -88.04], 07/07/08 09:00 CST 07/07/08 09:05 CST al large trees and knocked bracked bracke	s developed in a pewpoints in the upewpoints in	o ail up to 1 inch in ore-frontal convergoper 60s to lower 7 or, -88.15]  o o o o o o o o o o o o o o o o o o o	diameter and powerful gence zone ahead of a 70s. CAPE values were  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt) Source: Trained Spotter  ell on a home in Franklin (Milwaukee  ties. Scattered reports moving east through urface dewpoints around
Clusters or short, bowing segments of lines of downburst winds to about 56 knots (65 mph) the cold front. Air temperatures were in the lower to 1500 to 2000.  WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKESHA COUNTY 2.0 NE DOWNTOWN WAUKEE COUNTY 5.0 NW DOWNTOWN  Powerful thunderstorm winds knocked large branch and the country 5.0 NW DOWNTOWN  Powerful thunderstorm winds pushed over several Co.) and resulted in minor damage.  A cluster of storms developed over Jefferson Co of powerful downburst winds were received. Till Wisconsin, with a 30 knot low-level jet at 850 M 70.	07/02/08 17:15 CST 07/02/08 17:15 CST 07/02/08 17:15 CST  storms resulted in scattered at toppled trees. The storms to middle 80s with surface do  VAUKESHA [43.04, -88.19], B 07/07/08 07:45 CST 07/07/08 07:50 CST  ches out of several trees.  MILWAUKEE [43.08, -88.04], 07/07/08 09:00 CST 07/07/08 09:05 CST al large trees and knocked bracked bracked bracked bracked bracked brown were associated with the storms we	s developed in a pewpoints in the upewpoints in	o ail up to 1 inch in ore-frontal convergoper 60s to lower 7 or 7, -88.15]  o o o o o o o o o o o o o o o o o o o	Source: Public  diameter and powerful gence zone ahead of a 70s. CAPE values were  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 56 kt) Source: Trained Spotter  ell on a home in Franklin (Milwaukee  ties. Scattered reports moving east through

Lightning struck a home and the resultant fire damaged the roof and  ${\sf TV}$  antenna.

SAUK COUNTY --- 4.0 W LA VALLE [43.58, -90.21]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/07/08 16:25 CST		10K	Thunderstorm Wind (EG 65 kt)
	07/07/08 16:25 CST		0	Source: Trained Spotter
Powerful thunderstorm wind gusts toppled sev	reral large trees and broke branc	hes that brought d	own some power-li	nes.
AUK COUNTY REEDSBURG [43.53, -90.0	001			
	07/07/08 17:00 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/07/08 17:00 CST		0	Source: Trained Spotter
owerful thunderstorm wind gusts toppled sev	veral large trees and broke branc	hes that brought d	own some power-li	ines.
GREEN LAKE COUNTY GREEN LAKE [43.				
	07/07/08 18:00 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/07/08 18:00 CST		0	Source: Newspaper
owerful thunderstorm wind gusts toppled sev	reral large trees and broke branc	hes that brought d	own some power-li	nes.
REEN LAKE COUNTY 3.6 SE MANCHES	• •	NCHESTER [43.64,	-	
	07/07/08 18:04 CST		30K	Tornado (EF1, L: 1.14 mi , W: 75 yd)
	07/07/08 18:06 CST		10K	Source: Emergency Manager
stimated at 97 mph, and the average path with order of the country 4.7 N FOX LAKE [43.64,		-88.73]	20K	Thunderstorm Wind (EG 56 kt)
	07/07/08 18:13 CST		0	Source: Law Enforcement
owerful thunderstorm wind gusts toppled sev	reral large trees and broke branc	hes that brought d	own some power-li	nes.
AFAYETTE COUNTY 3.0 NW BELMONT	[42.76, -90.37] 07/07/08 18:47 CST		0	Thunderstorm Wind (EG 50 kt)
	07/07/08 18:47 CST		0	Source: Unknown
Powerful thunderstorm wind gusts broke large			·	
JEFFERSON COUNTY 1.7 ENE GRELLTO	N [43 14 -88 75]			
SELF ENGON GOOM ENE GREEET G	07/07/08 19:25 CST	1	0	Lightning
	07/07/08 19:25 CST		0	Source: Newspaper
ightning struck and killed a boy watching the	storms outside. He lived on Ebe	nezer Road in the	Civil Town of Wate	rtown.
Direct Fatalities: M16OU				
JEFFERSON COUNTY 2.3 S WATERTOWN	• • •			
	07/07/08 19:30 CST		30K	Lightning
	07/07/08 19:30 CST	1	0	Source: Law Enforcement
Ighting struck and injured a 16-year boy. He	was transfered to a hospital for	medical treatment		
WAUKESHA COUNTY 3.0 W DOWNTOWN		5 NE STONEBAN		
	07/07/08 19:40 CST		15K	Thunderstorm Wind (EG 56 kt)
	07/07/08 19:41 CST		0	Source: Trained Spotter
Powerful thunderstorm wind gusts toppled sev		hes that brought d		·
Powerful thunderstorm wind gusts toppled sev	reral large trees and broke branc E [42.68, -89.02]	thes that brought d	own some power-li	ines.
	reral large trees and broke brance  E [42.68, -89.02] 07/07/08 21:00 CST	hes that brought d	own some power-li	Thunderstorm Wind (EG 56 kt)
	reral large trees and broke branc E [42.68, -89.02]	hes that brought d	own some power-li	ines.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
owerful thunderstorm wind gusts toppled seve ne north and northeast sides of Janesville.	ral large trees and broke brancl	hes that brought do	own some power-lin	es. Some light posts were broken on
ANE COUNTY MONONA [43.07, -89.32]				
	07/07/08 21:15 CST		40K	Thunderstorm Wind (EG 65 kt)
	07/07/08 21:15 CST		0	Source: Newspaper
Powerful thunderstorm wind gusts toppled seve edroom windows and wall damaged by a toppl	<del>-</del>	hes that brought do	own some power-lin	ies. One home had its living room and
ROCK COUNTY EVANSVILLE [42.78, -89.30	<u> </u>			
	07/07/08 21:51 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/07/08 21:51 CST		0	Source: Law Enforcement
owerful thunderstorm wind gusts toppled seve	ral large trees and broke brancl	hes that brought do	own some power-lin	ies.
OCK COUNTY BELOIT [42.52, -89.03]				
- · · · · · · · · · · · · · · · · · · ·	07/07/08 22:21 CST		10K	Thunderstorm Wind (EG 50 kt)
	07/07/08 22:21 CST		0	Source: Law Enforcement
Powerful thunderstorm wind gusts toppled seve	ral large trees and broke branch	hes that brought de	own some nower-lin	nes
torni cen. The Stornis were associated with	a snort-wave trough at 500 ML			
at 850 MB. Surface temperatures were in the	80s and surface dewpoints we	erer around 70.	98]	
t 850 MB. Surface temperatures were in the	80s and surface dewpoints we	erer around 70.	9 <b>8]</b> 0	Hail (0.75 in)
t 850 MB. Surface temperatures were in the	80s and surface dewpoints we [ [43.29, -87.99], 1.0 N CEDARE	erer around 70.	=	Hail (0.75 in) Source: CoCoRaHS
it 850 MB. Surface temperatures were in the	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST	erer around 70.	0	,
t 850 MB. Surface temperatures were in the	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST 3.37, -87.94]	erer around 70.	0	Source: CoCoRaHS
t 850 MB. Surface temperatures were in the	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST	erer around 70.	0	,
t 850 MB. Surface temperatures were in the DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST 3.37, -87.94] 07/10/08 12:27 CST	erer around 70.	0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt)
Tree down.	80s and surface dewpoints we 5 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST 3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST	erer around 70.	0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt)
t 850 MB. Surface temperatures were in the DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43]	80s and surface dewpoints we 5 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST 3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST	erer around 70.	0 0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown
t 850 MB. Surface temperatures were in the DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43]	80s and surface dewpoints we 5 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST 3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST	erer around 70.	0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt)
THE STATE OF THE S	80s and surface dewpoints web 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  3ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST	erer around 70.	0 0 0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt)
Tree down.  SAUK COUNTY LA VALLE [43.58, -90.13], E	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  8ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST e trees and broke branches that	erer around 70.	0 0 0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt)
t 850 MB. Surface temperatures were in the DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43] Free down.  SAUK COUNTY LA VALLE [43.58, -90.13], E	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  8ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST e trees and broke branches that	erer around 70.	0 0 0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt)
Tree down.  SAUK COUNTY LA VALLE [43.58, -90.13], E	80s and surface dewpoints we  6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  8ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST e trees and broke branches that	erer around 70.	0 0 0 0 20K 0 ne power-lines.	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
Tree down.  POWERFULL HANDLE COUNTY 1.0 NNW CEDARBURG  OZAUKEE COUNTY 1.0 SW SAUKVILLE [43]  Tree down.  POWERFUL Thunderstorm wind gusts toppled large  COLUMBIA COUNTY 5.0 SW PORTAGE [43]	80s and surface dewpoints we  6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  8ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST e trees and broke branches that  1.50, -89.52] 07/10/08 16:07 CST 07/10/08 16:07 CST	BURG [43.29, -87.9	0 0 0 0 20K 0 ne power-lines.	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43]  Free down.  SAUK COUNTY LA VALLE [43.58, -90.13], E  Powerful thunderstorm wind gusts toppled large COLUMBIA COUNTY 5.0 SW PORTAGE [43]  Powerful thunderstorm wind gusts toppled seve	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  3ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST e trees and broke branches that 0.50, -89.52] 07/10/08 16:07 CST 07/10/08 16:07 CST ral large trees and broke branches	BURG [43.29, -87.9] brought down son	0 0 0 0 20K 0 ne power-lines.	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43]  Free down.  SAUK COUNTY LA VALLE [43.58, -90.13], E  Powerful thunderstorm wind gusts toppled large COLUMBIA COUNTY 5.0 SW PORTAGE [43]  Powerful thunderstorm wind gusts toppled seve	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  3ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST e trees and broke branches that  5.50, -89.52] 07/10/08 16:07 CST 07/10/08 16:07 CST ral large trees and broke brancl	BURG [43.29, -87.9] brought down son	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: CoCoRaHS  Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43] Free down.  DAUK COUNTY LA VALLE [43.58, -90.13], E DOWNER COUNTY 5.0 SW PORTAGE [43] DOWNER COUNTY 5.0 SW PORTAGE [43] DOWNER COUNTY 5.0 SW PORTAGE [43] DOWNER COUNTY S.0 SW PORTAGE [43] DOWNER COUNTY WESTFIELD [43.88, POWER COUNTY WESTFIELD [43.88	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  3ARABOO [43.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST etrees and broke branches that 0.50, -89.52] 07/10/08 16:07 CST 07/10/08 16:07 CST ral large trees and broke brancl -89.48], 6.0 SE GLENOAK [43. 07/10/08 16:20 CST etrees and broke branches that	BURG [43.29, -87.9]  brought down son  hes that brought down.  69, -89.25]	0 0 0 0 20K 0 ne power-lines.  10K 0 own some power-lin 40K 0 ne power-lines in loc	Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Description:
TO A SUMBLE COUNTY 1.0 NNW CEDARBURG DEAUKEE COUNTY 1.0 NNW CEDARBURG DEAUKEE COUNTY 1.0 SW SAUKVILLE [43]  Tree down.  SAUK COUNTY LA VALLE [43.58, -90.13], ED DOWERFUL THUNDERSTORM WIND GUSTS TOPPIED [43.88, POWERFUL THUNDERSTORM WIND GUSTS TOPPIED [43.88, POWERFU	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  3.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST  6 trees and broke branches that 1.50, -89.52] 07/10/08 16:07 CST 07/10/08 16:07 CST ral large trees and broke brancl -89.48], 6.0 SE GLENOAK [43. 07/10/08 16:20 CST 07/10/08 16:20 CST	BURG [43.29, -87.9]  brought down son  hes that brought down.  69, -89.25]	0 0 0 0 20K 0 ne power-lines.  10K 0 own some power-lin 40K 0 ne power-lines in loc	Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Description:
DZAUKEE COUNTY 1.0 NNW CEDARBURG DZAUKEE COUNTY 1.0 SW SAUKVILLE [43]  Free down.  SAUK COUNTY LA VALLE [43.58, -90.13], E  Powerful thunderstorm wind gusts toppled large COLUMBIA COUNTY 5.0 SW PORTAGE [43]  Powerful thunderstorm wind gusts toppled seven MARQUETTE COUNTY WESTFIELD [43.88,	80s and surface dewpoints we 6 [43.29, -87.99], 1.0 N CEDARE 07/10/08 12:20 CST 07/10/08 12:30 CST  3.37, -87.94] 07/10/08 12:27 CST 07/10/08 12:27 CST  3.47, -89.73] 07/10/08 15:30 CST 07/10/08 15:55 CST  6 trees and broke branches that 1.50, -89.52] 07/10/08 16:07 CST 07/10/08 16:07 CST ral large trees and broke brancl -89.48], 6.0 SE GLENOAK [43. 07/10/08 16:20 CST 07/10/08 16:20 CST	BURG [43.29, -87.9]  brought down son  hes that brought down.  69, -89.25]	0 0 0 0 20K 0 ne power-lines.  10K 0 own some power-lin 40K 0 ne power-lines in loc	Thunderstorm Wind (EG 50 kt) Source: Unknown  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Thunderstorm Wind (EG 56 kt) Source: Law Enforcement  Description:

Powerful thunderstorm wind gusts toppled several large trees and broke branches that brought down some power-lines.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GREEN LAKE COUNTY 1.0 SW PRINCETON	[43.84, -89.13], GREEN LAKE	E [43.83, -88.95]		
	07/10/08 16:32 CST	• , •	20K	Thunderstorm Wind (EG 65 kt)
	07/10/08 16:42 CST		0	Source: Law Enforcement
Powerful thunderstorm wind gusts toppled large t	rees and broke branches that	brought down sor	ne power-lines. On	e tree fell onto a trailer near Princeton.
GREEN LAKE COUNTY 0.9 W DALTON [43.6	5, -89.22], 0.4 NE DALTON [4: 07/10/08 16:33 CST	3.65, -89.19]	0.15M	Torodo (FE1 1 · 1.15 mi W/ 50 vd)
	07/10/08 16:35 CST		0.15M 0	Tornado (EF1, L: 1.15 mi , W: 50 yd) Source: Emergency Manager
	07/10/00 10.33 031		U	Source. Emergency Manager
A weak tornado spun up about 1/2 mile southwes intersection of STH 44 and South Main Steet, and of Fountain Lane and Belle Fountain Creek. It to brought down some power-lines. The starting at The winds were estimated at 93 mph. The avera	d ultimately dissipated about 1 ok the roof off of a lumberyard nd ending lat/long pairs of num	/2 mile east-south pole shed, took p nbers are 43.6524	east of Downtown art of a roof off an	Dalton just southeast of the intersection office building, uprooted trees, and
DANE COUNTY MC FARLAND [43.02, -89.28]	1			
	07/10/08 16:38 CST		0.15M	Thunderstorm Wind (EG 78 kt)
	07/10/08 16:38 CST		0	Source: Law Enforcement
Powerful thunderstorm wind gusts toppled large tand tree debris damaged a restaurant .	rees and broke branches that	brought down sor	ne power-lines. In I	McFarland, a house was blown down,
DODGE COUNTY BEAVER DAM [43.47, -88.8	07/10/08 16:56 CST		10K	Thunderstorm Wind (EC 56 kt)
	07/10/08 16:56 CST		0	Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
	07710700 10.00 001		v	Course. Eaw Emorodinant
GREEN COUNTY 2.0 S ALBANY [42.67, -89.4	07/10/08 16:58 CST 07/10/08 16:58 CST		5K 0	Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
Powerful thunderstorm wind gusts toppled severa	al large trees and broke branch	nes that brought d	own some power-li	ines.
DODGE COUNTY 2.8 WSW WAUPUN ARPT	· · · •	IPUN ARPT [43.6		
	07/10/08 17:00 CST		20K	Tornado (EF1, L: 1.02 mi , W: 50 yd)
	07/10/08 17:02 CST		0	Source: Law Enforcement
This weak tornado uprooted 9 large oak trees an east-northeast across STH 68 near a bend in ST lat/long pairs of numbers are: 43.60684/-88.8234 width was about 30 yards.	H 68, and dissipated just south	neast of the inters	ection of STH 68 a	nd Buckhorn Road. The starting and end
FOND DU LAC COUNTY BRANDON [43.73, -	=		5K	Thunderstorm Wind (EC 56 kt)
	07/10/08 17:00 CST		5K	Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
	07/10/08 17:00 CST		0	Source. Law Enforcement
Powerful thunderstorm wind gusts toppled severa	al large trees and broke branch	nes that brought d	own some power-li	ines.
JEFFERSON COUNTY JOHNSON CREEK [43		SON [43.01, -88.8	=	
	07/10/08 17:00 CST		20K	Thunderstorm Wind (EG 56 kt)
	07/10/08 17:08 CST		0	Source: Public
Powerful thunderstorm wind gusts toppled severa Jefferson County Fairgrounds.	al large trees and broke branch	nes that brought d	own some power-li	ines. Five tents were damaged at the
ROCK COUNTY 2.0 N DOWNTOWN JANESV	ILLE [42.71, -89.02], 1.0 NE D	OWNTOWN JANE	SVILLE [42.69, -8	9.01]
	07/10/08 17:09 CST		10K	Thunderstorm Wind (EG 65 kt)
	07/40/00 47 40 OOT		•	0 0.11

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0

Source: Public

07/10/08 17:10 CST

Powerful thunderstorm wind gusts toppled several large trees and broke branches that brought down some power-lines.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NALWORTH COUNTY WHITEWATE	R [42.83, -88.73]			
	07/10/08 17:17 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/10/08 17:17 CST		0	Source: Law Enforcement
Powerful thunderstorm wind gusts topple	ed several large trees and broke branc	ches that brought d	lown some power-li	ines.
JEFFERSON COUNTY 3.8 SSE SULL	• • •		0	Thunderstorm Wind (MG 50 kt)
	07/10/08 17:22 CST 07/10/08 17:22 CST		0	Source: NWS Employee
Powerful thunderstorm wind gust measu				, , , , , , , , , , , , , , , , , , ,
WALWORTH COUNTY DARIEN [42.6	60, -88.70], WILLIAMS BAY [42.58, -88	3.53]		
•	07/10/08 17:25 CST	-	0.10M	Thunderstorm Wind (EG 65 kt)
	07/10/08 17:30 CST		0	Source: Law Enforcement
Powerful thunderstorm wind gusts topple damage due to tree debris in the Walwo	<del>-</del>	ches that brought d	lown some power-li	nes. At least 6 homes sustained
WAUKESHA COUNTY EAGLE [42.88	•	33]	101/	Thunderstorm Wind /FO 50 Lt\
	07/10/08 17:32 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/10/08 17:32 CST		0	Source: Law Enforcement
Powerful thunderstorm wind gusts topple	ed several large trees and broke branc	thes that brought d	lown some power-li	nes.
RACINE COUNTY 1.5 WNW TICHIGA	AN [42.84, -88.25] 07/10/08 17:44 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/10/08 17:44 CST		0	Source: Law Enforcement
AFAYETTE COUNTY 2.0 NE BENTO 90.41]	ON [42.59, -90.35], 2.0 SE BENTON [4 07/10/08 18:00 CST	2.55, -90.35], 2.0 \$	<b>5W BENTON [42.55</b> 10K	5, -90.41], 2.0 NW BENTON [42.59, Flash Flood (due to Heavy Rain)
	07/10/08 19:00 CST		0	Source: Law Enforcement
Heavy rains of 2 to 3 inches within 1 to 1 gravel shoulder washouts were noted.  Two rounds of severe weather affected fillwaukee area in Ozaukee County pulsiours. A second round of severe weathen oved west to east across southern Westrace dewpoints in the 60s resulted investing winds allowed for the development of the severe weather type was powerful down	I south-central and southeast Wisconsised to severe limits and generated lather was associated with several clustrisconsin during the late afternoon a in CAPE values of 1500 to 2000 while ment of rotating updrafts in a couple	nsin on July 10th. arge hail up to 3/4 sters or short bow nd evening hours a a vorticiy maxim	An initial cluster inch in diameter cing segments of li Surface tempera a at 500 MB moved	of storms north of the during the early afternoon ines of storms that tures in the 80s and d across Wisconsin.
WAUKESHA COUNTY 3.0 S OCONO			5014	Paker
	07/10/08 23:45 CST 07/10/08 23:45 CST		50K 0	Lightning Source: Newspaper
Lightning struck a home and started a fir			U	Source. пемѕрарег
WAUKESHA COUNTY 3.4 SSE OCO			0.1014	Lightning
	07/10/08 23:55 CST		0.10M 0	Lightning Source: Newspaper
	07/10/08 23:55 CST		0	Source: Newspaper
Lightning struck a home and started a fir	re that extensively damaged the structi	ure.		
DANE COUNTY 4.0 W DOWNTOWN			0014	Dallace
	07/11/08 00:30 CST		20K	Lightning Source: Newspaper

07/11/08 00:30 CST

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Source: Newspaper

0

Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dma Lightning struck a home and started a fire that resulted in roof damage. DANE COUNTY --- 2.0 W DOWNTOWN MADISON [43.07, -89.46], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], 3.0 S **DOWNTOWN MADISON [43.03, -89.42]** 07/11/08 01:00 CST 10K Flash Flood (due to Heavy Rain) 07/11/08 02:00 CST 0 Source: Law Enforcement A series of thunderstorms dumped heavy rains of 1 to 3 inches within an hour or two that generated flash flooding. May urban roads were flooded with fast-flowing water of 1 to 2 feet in depth. Basement flooding was noted with damage to contents. SAUK COUNTY --- LA VALLE [43.58, -90.13], 3.0 N BARABOO [43.51, -89.73], 3.0 S BARABOO [43.43, -89.73], 2.0 SW LOGANVILLE [43.41, -90.06] 07/11/08 02:00 CST 25K Flash Flood (due to Heavy Rain) 07/11/08 05:30 CST Source: Law Enforcement A series of thunderstorms dumped 2 to 4 inches of rain in Sauk County that resulted in flash flooding. Several county roads were closed due to fast-flowing water depths of 1 to 2 feet. Basement flooding was noted, and there was some shoulder gravel washouts. A semi-tractor trailer stalled in deep water on a road near Loganville after the current pushed the truck off the road, and the driver had to be rescued. DANE COUNTY --- 3.0 WSW DOWNTOWN MADISON [43.05, -89.47], 3.0 WSW MADISON TRUAX AIRPORT [43.12, -89.39], 2.0 E MONONA [43.07, -89.28], 2.0 E MC FARLAND [43.02, -89.24] 07/11/08 03:45 CST 30K Flash Flood (due to Heavy Rain) 07/11/08 05:30 CST 0 Source: Unknown A series of thunderstorms dumped heavy rains that resulted in fast-flowing water depths of 1 to 3 feet on urban strees. One person in Madison had to be rescued when their car stalled in 3 feet of water. Several roads were closed due to high water levels. Basement flooding was noted with damage to contents. A series of thunderstorms developed into clusters and short lines that moved east-southeast through southern Wisconsin. Due to a moist atmosphere, heavy rains were reported overnight in the range of 1 inch to slightly over 4 inches. Due to a saturated ground, flash flooding was the result. GREEN COUNTY --- JUDA [42.58, -89.50] 07/12/08 00:00 CST 75K Thunderstorm Wind (EG 65 kt) 07/12/08 00:00 CST n Source: Law Enforcement Powerful thunderstorm winds toppled large trees and knocked down tree branches that damaged several homes in and around Juda. **SAUK COUNTY --- SPRING GREEN [43.18, -90.07]** 07/12/08 00:00 CST 20K Lightning 07/12/08 00:00 CST 0 Source: Newspaper Lightning struck a home that srated a minor fire. There was some damage. Time is only estimated since newspaper article didn't specify the time. ROCK COUNTY --- 4.0 N MAGNOLIA [42.78, -89.25] 07/12/08 00:15 CST 0 Thunderstorm Wind (EG 56 kt) 07/12/08 00:15 CST 0 Source: Law Enforcement Powerful thunderstorm wind gusts toppled large trees. GREEN LAKE COUNTY --- 5.0 NE MARKESAN [43.77, -88.91] 07/12/08 01:20 CST 0 Thunderstorm Wind (EG 56 kt) 07/12/08 01:20 CST 0 Source: Law Enforcement Powerful thunderstorm wind gusts toppled large trees. **DODGE COUNTY --- FOX LAKE [43.57, -88.90]** 07/12/08 01:25 CST 0 Thunderstorm Wind (EG 56 kt) 0 07/12/08 01:25 CST Source: Law Enforcement Powerful thunderstorm wind gusts toppled large trees. One road was blocked.

FOND DU LAC COUNTY --- 5.0 N WAUPUN [43.70, -88.73]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/12/08 01:27 CST		0	Thunderstorm Wind (EG 56 kt)
	07/12/08 01:27 CST		0	Source: Emergency Manager
owerful thunderstorm wind gusts toppled I	arge trees.			
OND DU LAC COUNTY 3.0 SSW PIPE				
	07/12/08 01:30 CST		0	Thunderstorm Wind (EG 56 kt)
	07/12/08 01:30 CST		0	Source: Emergency Manager
owerful thunderstorm wind gusts toppled I	arge trees.			
VASHINGTON COUNTY 1.0 NW ST LA			0.4014	
	07/12/08 02:26 CST		0.10M	Lightning
	07/12/08 02:26 CST		0	Source: Law Enforcement
ire struck a barn and started a fire that res	sulted in damage. A firefighter was i	njured by flying de	ebris while fightning	g the fire.
OCK COUNTY 1.0 NE DOWNTOWN JA			IESVILLE [42.67, -	89.01], 1.0 SW DOWNTOWN
ANESVILLE [42.67, -89.03], 1.0 NW DOW	NTOWN JANESVILLE [42.69, -89.0 07/12/08 02:30 CST	<b>ာ</b> ]	30K	Flash Flood (due to Heavy Rain)
	07/12/08 04:00 CST		0	Source: Law Enforcement
A series of thunderstorms dumped 1 to 3 in if 1 to 3 feet. Several cars stalled in the de	•			
VALWORTH COUNTY RICHMOND [42.			^	Thursdaystern Wind (FO 50 ld)
	07/12/08 02:30 CST 07/12/08 02:30 CST		0	Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
owerful thunderstorm wind gusts toppled I	arge trees.			
VALWORTH COUNTY DARIEN [42.60,	-88.70], SHARON [42.50, -88.73]			
	07/12/08 03:00 CST		0	Heavy Rain
	07/12/08 07:00 CST		0	Source: Law Enforcement
leavy rains of 1 to 2 inches resulted in min losure of STH 11 and STH 14.	or urban and small stream flooding.	Stationary water	depths on some ro	ads reached a foot which resulted in the
his is a test.				
IARQUETTE COUNTY MONTELLO [43	3.80, -89.32]			
	07/16/08 13:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/08 13:40 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled large	trees.			
REEN LAKE COUNTY DALTON [43.65	-	8]		
	07/16/08 13:45 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/16/08 13:55 CST		0	Source: Law Enforcement
owerful thunderstorm winds toppled large	trees and broke branches that knoo	cked down power-l	ines.	
OND DU LAC COUNTY ST PETER [43		0, -88.17]		
	07/16/08 13:59 CST		0	Thunderstorm Wind (MG 57 kt)
	07/16/08 14:10 CST		0	Source: Trained Spotter
Powerful thunderstorm winds toppled large	trees. Gust was measured in St. Po	eter.		
HEBOYGAN COUNTY 3.0 NW GREEN	BUSH [43.81, -88.12], SHEBOYGAI 07/16/08 14:12 CST	N [43.75, -87.72]	0.30M	Thunderstorm Wind (EG 70 kt)
				· · ·
	07/16/08 14:53 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A line of severe storms moved west to east acri knots (70 to 80 mph). In addition, a tornado spi the Sheboygan County Airport measured a gus down by tree debris, mostly across the norther store into her. She broke her arm and was hos camp ground were destroyed by toppled trees, Kohler, a vehicle was crushed by a toppled tree 14,000 homes in Sheboygan County lost electric	un up north of Sheboygan Falls t of 53 knots (61 mph). Thousi n part of the county. An 81-yea pitalized. Elsewhere in Plymon and 3 other camp buldings we e. City and county 911 Commu	s at 1437 CST - see ands of trees were s ir-old women in Plyr uth, 2 vehicles were re damaged. In She	the tornado event napped or toppled nouth was injured damaged by tree boygan Falls, at I	t write-up for deatils. The ASOS unit at d, and many power-lines were brought when the winds pushed a door of a debris. North of Plymouth, 2 cabins at a east 12 homes were damaged. In
FOND DU LAC COUNTY 6.0 SSE FOND DU	LAC [43.70, -88.40] 07/16/08 14:18 CST		0	Hail (0.75 in)
	07/16/08 14:18 CST		0	Source: Law Enforcement
DODGE COUNTY BEAVER DAM [43.47, -88				
	07/16/08 14:25 CST		20K	Thunderstorm Wind (EG 56 kt)
	07/16/08 14:35 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled many larg vehicle in Beaver Dam was damaged by tree do		t 10 miles, and brok	en tree branches l	prought down some power-lines. One
SHEBOYGAN COUNTY 0.5 SE (SBM)SHEB	OYGAN CO AR [43.77, -87.84]	, 1.6 N SHEBOYGA	N FALLS [43.75,	-87.82]
	07/16/08 14:37 CST		0.35M	Tornado (EF1, L: 1.50 mi , W: 75 yd)
	07/16/08 14:40 CST		1K	Source: Public
was about 30 yards.  WASHINGTON COUNTY KEWASKUM [43.5	07/16/08 14:50 CST	2, -88.18]	0	Thunderstorm Wind (EG 56 kt)
	07/16/08 15:00 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled large tree	es.			
OZAUKEE COUNTY SAUKVILLE [43.38, -87	7.93]			
	07/16/08 15:09 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/08 15:09 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled large tree	es.			
WAUKESHA COUNTY STONEBANK [43.15]	, -88.42], DELAFIELD [43.07, -	88.40]		
	07/16/08 15:12 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/08 15:22 CST		0	Source: Trained Spotter
Powerful thunderstorm winds toppled large tree	s.			
WASHINGTON COUNTY SLINGER [43.33, -	88.28], GERMANTOWN [43.23	, -88.10]		
-	07/16/08 15:14 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/08 15:28 CST		0	Source: Trained Spotter
Powerful thunderstorm winds toppled large tree	S.			
SAUK COUNTY 3.0 E LA VALLE [43.58, -90	.07]			
-	07/16/08 15:15 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/08 15:15 CST		0	Source: Law Enforcement
Powerful thunderstorm winds topolog large trace	ie.			
Powerful thunderstorm winds toppled large tree	:5.			

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SAUK COUNTY 2.0 NW LA VALLE [43.	60 00 461 2 0 NE DEEDSBURG (42	2 55 90 071 2 0 9	S DEEDSBURG (42	50 90 001 2 0 SWIA VALLE (42 55
-90.16]	.00, -90.10], 2.0 NE REEDSBORG [43	5.55, -65.57], 2.0 0	S KEEDSBOKG [43	.30, -90.00], 2.0 300 EA VALLE [43.30,
	07/16/08 15:20 CST		10K	Flash Flood (due to Heavy Rain)
	07/16/08 18:00 CST		0	Source: Trained Spotter
Heavy rains of 1 to 2 inches in an hour resistantly sandbagging was noted in Reedsburg. Wa		-	-	
SAUK COUNTY REEDSBURG [43.53, -	90.00]			
	07/16/08 15:20 CST		0	Hail (0.75 in)
	07/16/08 15:20 CST		0	Source: Trained Spotter
Also reports of trees down near La Valle.				
SHEBOYGAN COUNTY 2.0 NW HOWA -87.79], 2.0 SW HOWARDS GROVE [43.81		HOWARDS GRO	VE [43.85, -87.79],	2.0 SE HOWARDS GROVE [43.81,
	07/16/08 15:30 CST		40K	Flash Flood (due to Heavy Rain)
	07/16/08 17:00 CST		0	Source: Newspaper
MILWAUKEE COUNTY 5.0 NW DOWNT	07/16/08 15:32 CST		10K 0	Thunderstorm Wind (EG 56 kt)
	07/16/08 15:32 CST		U	Source: Fire Department/Rescue
WAUKESHA COUNTY 2.0 W NEW BER	RLIN [42.98, -88.16] 07/16/08 15:37 CST 07/16/08 15:37 CST		15K 0	Thunderstorm Wind (EG 65 kt) Source: Amateur Radio
Powerful thunderstorm winds toppled nume	erous large trees, and broken tree bra	anches brought d	own some power li	nes.
SHEBOYGAN COUNTY CEDAR GROV	• •		2014	Lightning
	07/16/08 15:46 CST 07/16/08 15:46 CST		20K 0	Lightning Source: Newspaper
	07/10/06 15.40 CS1		U	Source: Newspaper
A newspaper article noted that lightning str was used only as a nearby reference point		own of Holland, a	and the resultant fire	e damaged the building. Cedar Grove
A convective thunderstorm complex that generated a line of strong to severe storr flash flooding were produced by the stor Maximum afternoon temperatures were in Sheboygan County alone.	ms. Powerful thunderstorm winds oms. Surface dewpoints were in the	gusting to hurrica lower to mid 70s	ane-force, large ha s, and CAPE value	il, one tornado, and s were 3000 to 4000.
IOWA COUNTY 3.0 ENE AVOCA [43.20	•			
	07/25/08 18:45 CST		0	Thunderstorm Wind (EG 52 kt)
	07/25/08 18:45 CST		0	Source: Post Office
Powerful thunderstorm winds toppled large	e trees.			
A few thunderstorms popped up during t generate damaging winds.	the period of peak heating in the aft	ernoon, and one	managed to pulse	to severe limits and
IOWA COUNTY DODGEVILLE [42.97, -				
	07/31/08 10:45 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/21/00 10:45 CCT		^	Source: Law Enforcement

Powerful thunderstorm winds toppled large trees, and knocked down large tree branches that brought down some power-lines.

07/31/08 10:45 CST

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Source: Law Enforcement

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAFAYETTE COUNTY 3.0 WNW BI	ELMONT [42.75, -90.38], 4.0 E LAMONT	[42.70, -89.90]		
	07/31/08 10:45 CST		0	Thunderstorm Wind (EG 56 kt)
	07/31/08 11:15 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled I	arge trees.			
GREEN COUNTY 1.0 NW MONROE	E [42.61, -89.64], BRODHEAD [42.62, -8	9.37]		
	07/31/08 11:33 CST		20K	Thunderstorm Wind (EG 56 kt)
	07/31/08 11:45 CST		0	Source: Law Enforcement
Powerful thunderstorm winds toppled I	arge trees, and knocked down tree bran	iches that brought	down power-lines.	
ROCK COUNTY 2.0 NW NEWARK	[42.57, -89.26], 1.0 ENE BELOIT [42.53,	-89.01]		
	07/31/08 11:55 CST		15K	Thunderstorm Wind (EG 56 kt)
	07/31/08 12:10 CST		0	Source: Trained Spotter

Powerful thunderstorm winds toppled large trees, and knocked down tree branches that brought down power-lines.

A convective thunderstorm complex originated in southern Minnesota, and moved southeast to the Chicago area. Powerful downburst winds were generated. The complex was associated with a short-wave trough aloft, and good warm-air advection at 850 mb. Air temperatures were in the lower to mid 80s and surface dewpoints were in the upper 60s to lower 70s.

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Location Date/Time Deaths & Property & Event Type and Details
Injuries Crop Dmg

# LAKE MICHIGAN

SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]

08/04/08 05:50 CST 0 Marine Thunderstorm Wind (MG 36 kt)

08/04/08 05:50 CST 0 Source: C-MAN Station

A line of thunderstorms moved east-southeast across Wisconsin and moved over the waters of Lake Michigan during the early morning hours of August 4th. The line produced strong wind gusts between 35 and 40 knots.

# WISCONSIN, Southeast

SHEBOYGAN COUNTY --- 5.0 NNW ELKHART LAKE [43.90, -88.06], 4.0 W SHEBOYGAN FALLS [43.73, -87.90]

Powerful downburst straight-line winds toppled many large trees. Tree debris knocked down some power-lines.

SHEBOYGAN COUNTY --- 2.0 NE ELKHART LAKE [43.85, -87.99], 2.5 NE PLYMOUTH [43.78, -87.94]

08/01/08 14:20 CST 0 Hail (0.75 in)

08/01/08 14:35 CST 0 Source: Law Enforcement

A severe storm dropped southeast through Sheboygan County. It was associated with a weak cold front. The upper-level low pressure was found just northeast of Lake Superior, while a short-wave trough rotated around the upper low. Surface temperatures preceding the storm werer in the mid to upper 80s and surface dewpoints were in the mid 60s.

WAUKESHA COUNTY --- 3.6 NW MUKWONAGO [42.91, -88.38]

08/04/08 04:25 CST 25K Lightning

08/04/08 04:25 CST 0 Source: Newspaper

Lightning struck a garage on Cherry Lane, causing a small fire in an upstairs bedroom. The contents was a total loss.

WAUKESHA COUNTY --- 3.9 SE NORTH PRAIRIE [42.89, -88.35]

08/04/08 04:30 CST 0.15M Lightning

08/04/08 04:30 CST 0 Source: Newspaper

Lightning struck the roof of a home on Lakecrest Court. The fire resulted in major damage and the house not inhabitable.

MILWAUKEE COUNTY --- WEST ALLIS [43.00, -87.97]

08/04/08 04:50 CST 10K Lightning

08/04/08 04:50 CST 0 Source: Newspaper

Lightning struck a home, causing a small fire in an upstairs bedroom.

IOWA COUNTY --- 3.0 W AVOCA [43.18, -90.58]

Clusters of thunderstorms moved east-southeast through southwest and south-central Wisconsin. One storm pulsed to severe limits and generated large hail. The storms were along and ahead of a weak cold front. Surface temperatures were 79 to 84 while dewpoints were in the 70-75 range.

GREEN LAKE COUNTY --- PRINCETON [43.85, -89.12]

08/09/08 13:55 CST 0 Thunderstorm Wind (EG 50 kt) 08/09/08 13:55 CST 0 Source: Law Enforcement

An isolated severe storm moved south-southeast through the Princeton area and generated wind gusts that uprooted some trees and knocked many tree branches. Hail up to 1/2 inch in diameter was also reported.

A weak cold front moved southeast through southern Wisconsin. Scattered storms developed in a band along the front, and one storm pulsed to severe limits. Surface temperatures were in the lower 80s and dewpoints were in the mid 50s.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

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Location Date/Time Deaths & Property & Event Type and Details
Injuries Crop Dmg

# WISCONSIN, Southeast

KENOSHA COUNTY --- 0.8 NW SLADES CORNERS [42.59, -88.29], 1.1 ENE DOWNTOWN KENOSHA [42.59, -87.81]

09/04/08 07:00 CST 0 Heavy Rain

09/05/08 22:00 CST 0 Source: COOP Observer

Although this heavy rain event was assigned to Kenosha County, heavy rain did affect part of the following counties in Southcentral or Southeast Wisconsin: Jefferson, Waukesha, Milwaukee, Rock, Walworth, and Racine. Ponding of water on roads and in other low spots was reported in many locations. Rainfall amounts include: 3.14" at the Kenosha Waste Water Treatment Plant (Kenosha Co.), 2.96" in Delavan (Walworth Co.), 2.82" in Wind Point (Racine Co.), 2.56" at the Racine Waste Water Treatment Plant (Racine Co.), 2.50" in Franksville (Racine Co.), 2.20" in Lake Geneva (Walworth Co.), 1.96" at Milwaukee Mitchell Field (KMKE - Milwaukee Co.), 1.93" at 2SSE Waukesha (Waukesha Co.), 1.92" at the NWS Office about 3.8SE of Sullivan (Jeffeson Co.), 1.75" at 2SE Timmerman Field (Milwaukee Co.), and 0.94" at 5SW Madison Capitol Square (Dane Co.).

Heavy rains of 1 to 3 inches soaked Southcentral and Southeast Wisconsin on September 4th and 5th. The rain was associated with the remnants of Hurricane Gustav which eventually moved northeast through the Ohio River Valley. This kind of heavy rain is rare for Southern Wisconsin.

# JEFFERSON COUNTY --- 2.4 SSW PALMYRA [42.85, -88.61], 3.4 SSE SULLIVAN [42.98, -88.55]

09/12/08 17:00 CST 0 Heavy Rain

09/14/08 17:00 CST 0 Source: COOP Observer

Although this heavy rain event was assigned to Jefferson County, the heavy rain also affected parts of the following counties: Waukesha, Milwaukee, Rock, Walworth, Racine, and Kenosha. Ponding of water on roads and in other low spots was reported in many locations. Rainfall amounts include: 3.01" at the NWS Office about 3.8SSE of Sullivan (Jefferson Co.), 2.28" at 1.2SW of Palmyra, 2.60" at Beloit College (Rock Co.), 2.48" in Pell Lake (Walworth Co.), 2.46" in Paddock Lake (Kenosha Co.), 2.37" in Waterford (Racine Co.), 2.11" at 2SE Waukesha (Waukesha Co.), and 1.81" at Milwaukee Mitchell Field (Milwaukee Co.). Rainfall amounts tapered off to 1 to 1.25" in the Madison (Dane Co.) to Sheboygan area (Sheboygan Co.).

For the second time in one month, the remnants of a hurricane affected Southcentral and Southeast Wisconsin with heavy rains. Rainfall amounts were on the order of 1 to 3 inches. The center of Hurricane Ike's remnants tracked into southeastern Missouri, then to central Indiana, and then to western Lake Ontario and then to the mouth of the St. Lawrence River.

(WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

09/21/08 21:00 CST 0 Dense Fog

09/22/08 07:00 CST 0

The combination of light winds, a mostly clear sky, and a very moist low-level air mass allowed dense fog to develop during the overnight hours. Visibilities were reduced to 1/8 to 1/4 mile. Several flights were delayed at Milwaukee Mitchell Field, and a few vehicle accidents were noted by the media.

(WI-Z052) SHEBOYGAN, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE

09/23/08 00:00 CST 0 Dense Fog

09/23/08 10:00 CST 0

The combination of light winds, a mostly clear sky, and a very moist low-level air mass allowed dense fog to develop during the overnight hours. Visibilities were reduced to 1/8 to 1/4 mile. A few vehicle accidents were noted by the media.

(WI-Z052) SHEBOYGAN, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE

09/25/08 20:30 CST 0 Dense Fog

09/26/08 00:30 CST 0

The combination of light winds, a mostly clear sky, and a very moist low-level air mass allowed dense fog to develop during the overnight hours. Visibilities were reduced to 1/8 to 1/4 mile. A few vehicle accidents were noted by the media.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

WISCONSIN, Southeast

(WI-Z051) FOND DU LAC, (WI-Z056) SAUK, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

10/26/08 11:45 CST 36K

10/26/08 15:45 CST 0

Post, cold-frontal, strong west winds raked parts of South-central and Southeast Wisconsin with peak gusts to 47 knots (54 mph). Media reports indicated that some wind-broken tree branches fell on power-lines, resulting in scattered power outages from the Mineral Point (lowa Co.) area east to the Waukesha area (Waukesha Co.). Interestingly, in the built-up area of Madison, about 5 miles southwest of the Capital, a severe weather spotter measured only 30 knots (35 mph) for their peak gust. This can be expected in most windy situations due to the shadow effect of buildings and trees. The strong winds were associated with a tight, surface, pressure gradient generated by a deep low pressure that moved east across southern Canada. At Rapid City, SD, northwest winds at about the 18,000 feet and 39,000 feet level were measured at 120 knots (135 mph), and 150 knots (175 mph), respectively. Part of this wind energy eventually reached the western Great Lakes region.

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Strong Wind (MAX 47 kt)

Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

# WISCONSIN, Southeast

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

11/24/08 03:00 CST

0

Ninter Weather

11/24/08 08:00 CST

0

The first widespread snow event of the 2008-09 winter season for south-central and southeast Wisconsin consisted of 1 to 4.8 inches of snow accumulations. Accumulations of 4 to 4.8 inches occurred in eastern Columbia County, northwestern Dodge County, western Fond du Lac County, and southeastern Green Lake County. Amounts tapered off to around an inch along the Illinois border and near Lake Michigan. The 4.8 inches was measured near Pardeeville in Columbia County. Collectively, several dozen vehicle accidents were reported on icy and slick roads in south-central and southeast Wisconsin. In Jefferson County, a fatal crash tied up traffic on STH 26 near Johnson Creek for about an hour. The driver of a vehicle that slid into a snowplow truck died at the scene (indirect fatality). Other indirect deaths due to vehicle accidents include one in Sauk County and one in Kenosha County. Indirect injuries due to vehicle accidents include 4 in Kenosha County, 3 in Sheboygan County, 2 in Sauk County, and 1 in Washington County. Several schools started 2 hours late. Synoptically, the snow was associated with a low pressure that moved northeast through lowa, Illinois and southern Michigan. Meanwhile another low pressure dropped southeast across Wisconsin to merge with the other low over lower Michigan. West of Madison the precipitation started off as a mixture of snow and rain, while east of Madison the precipitation was all snow.

(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z063) DANE

11/30/08 12:00 CST

0

Winter Storm

11/30/08 23:59 CST

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VVIIICI

The first winter storm of the 2008-09 winter season over south-central and southeast Wisconsin started during the afternoon hours of November 30th, but continued to 0400 CST in the pre-dawn hours of December 1st. Snow accumulations of 3 to 10 inches were accompanied by northeast winds gusting to 25 to 30 mph, which led to some blowing and drifting of the snow in open and exposed areas. Visibilities at the height of the storm were reduced to 3/8 to 5/8 mile. The greatest accumulations of 6 to 10 inches occurred in a 20-mile wide band extending from Clinton in southeast Rock County northeast to Delafield (Waukesha Co.) to West Bend (Washington Co.) to extreme north-central Sheboygan County. The northern extent of this band actually ended in central Manitowoc County. Maximum accumulations included 10" at Ada (5NW Howards Grove) and Random Lake in Sheboygan County; an estimated 9" to 10" in extreme northwest Ozaukee County; 9.4" at the NWS Forecast Office southeast of Sullivan (Jefferson Co.); 9.3" at Germantown (Washington Co.), 9.1" at West Bend (Washington Co.); 8" at 3SE Palmyra (Jefferson Co.), 7" at Delavan (Walworth Co.) and Eagle (Waukesha Co.); an estimated 6" to 7" in extreme northwest Milwaukee County and southeast Rock County; almost 6" in the extreme southeast corners of Fond du Lac County and Dodge County; 5" to 6" in extreme northwest Racine County; 4" in extreme northwest Kenosha County; 3.7" at Brodhead (Green Co.); and 3" in south-central Dane County. Numerous vehicle accidents were reported in all counties due to icy, slippery, and snow covered roads. Several delayed or cancelled airline flights at Milwaukee Mitchell Field were reported, where 3.3" were measured. The morning commute was slowed down based on Department of Transportation reports. Between 0600 CST and 0900 CST on December 1st, about 19,000 utility customers lost electrical power due to the gusty winds pushing power-lines together. An indirect fatality was reported in Milwaukee County on December 1st when a 64-year-old man died while snow-blowing (he may have had a heart attack). In Sheboygan County on December 1st, vehicle accidents resulted in 5 people being indirectly injured, and in Green County 2 injuries were reported. The indirect fatality and injuries will be entered into the December, 2008, StormData issuance since they occurred in December. They are included in this episode narrative as "information only." Synoptically, low pressure moved northeast through Missouri to Illinois to southern Michigan. Based on WSR-88D Doppler radar, some lake-enhancement (Lake Michigan) aided in snow accumulations thanks to northeast winds.

(WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

11/30/08 14:00 CST

0

Winter Storm

11/30/08 23:59 CST

0

The first winter storm of the 2008-09 winter season over south-central and southeast Wisconsin started during the afternoon hours of November 30th, but continued to 0400 CST in the pre-dawn hours of December 1st. Snow accumulations of 3 to 10 inches were accompanied by northeast winds gusting to 25 to 30 mph, which led to some blowing and drifting of the snow in open and exposed areas. Visibilities at the height of the storm were reduced to 3/8 to 5/8 mile. The greatest accumulations of 6 to 10 inches occurred in a 20-mile wide band extending from Clinton in southeast Rock County northeast to Delafield (Waukesha Co.) to West Bend (Washington Co.) to extreme north-central Sheboygan County. The northern extent of this band actually ended in central Manitowoc County. Maximum accumulations included 10" at Ada (5NW Howards Grove) and Random Lake in Sheboygan County; an estimated 9" to 10" in extreme northwest Ozaukee County; 9.4" at the NWS Forecast Office southeast of Sullivan (Jefferson Co.); 9.3" at Germantown (Washington Co.), 9.1" at West Bend (Washington Co.); 8" at 3SE Palmyra (Jefferson Co.), 7" at Delavan (Walworth Co.) and Eagle (Waukesha Co.); an estimated 6" to 7" in extreme northwest Milwaukee County and southeast Rock County; 4" in extreme northwest southeast corners of Fond du Lac County and Dodge County; 5" to 6" in extreme northwest Racine County; 4" in extreme northwest

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Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

Kenosha County; 3.7" at Brodhead (Green Co.); and 3" in south-central Dane County. Numerous vehicle accidents were reported in all counties due to icy, slippery, and snow covered roads. Several delayed or cancelled airline flights at Milwaukee Mitchell Field were reported, where 3.3" were measured. The morning commute was slowed down based on Department of Transportation reports. Between 0600 CST and 0900 CST on December 1st, about 19,000 utility customers lost electrical power due to the gusty winds pushing power-lines together. An indirect fatality was reported in Milwaukee County on December 1st when a 64-year-old man died while snow-blowing (he may have had a heart attack). In Sheboygan County on December 1st, vehicle accidents resulted in 5 people being indirectly injured, and in Green County 2 injuries were reported. The indirect fatality and injuries will be entered into the December, 2008, StormData issuance since they occurred in December. They are included in this episode narrative as "information only." Synoptically, low pressure moved northeast through Missouri to Illinois to southern Michigan. Based on WSR-88D Doppler radar, some lake-enhancement (Lake Michigan) aided in snow accumulations thanks to northeast winds.

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Date/Time Deaths & **Event Type and Details** Location Property & Injuries Crop Dma

# WISCONSIN, Southeast

(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z063) DANE

12/01/08 00:00 CST

0

Winter Storm

12/01/08 04:00 CST

The first winter storm of the 2008-09 winter season over south-central and southeast Wisconsin started during the afternoon hours of November 30th, but continued to 0400 CST in the pre-dawn hours of December 1st. Snow accumulations of 3 to 10 inches were accompanied by northeast winds gusting to 25 to 30 mph, which led to some blowing and drifting of the snow in open and exposed areas. Visibilities at the height of the storm were reduced to 3/8 to 5/8 mile. The greatest accumulations of 6 to 10 inches occurred in a 20-mile wide band extending from Clinton in southeast Rock County northeast to Delafield (Waukesha Co.) to West Bend (Washington Co.) to extreme north-central Sheboygan County. The northern extent of this band actually ended in central Manitowoc County. Maximum accumulations included 10" at Ada (5NW Howards Grove) and Random Lake in Sheboygan County; an estimated 9" to 10" in extreme northwest Ozaukee County; 9.4" at the NWS Forecast Office southeast of Sullivan (Jefferson Co.); 9.3" at Germantown (Washington Co.), 9.1" at West Bend (Washington Co.); 8" at 3SE Palmyra (Jefferson Co.), 7" at Delavan (Walworth Co.) and Eagle (Waukesha Co.); an estimated 6" to 7" in extreme northwest Milwaukee County and southeast Rock County; almost 6" in the extreme southeast corners of Fond du Lac County and Dodge County; 5" to 6" in extreme northwest Racine County; 4" in extreme northwest Kenosha County; 3.7" at Brodhead (Green Co.); and 3" in south-central Dane County. Numerous vehicle accidents were reported in all counties due to icy, slippery, and snow covered roads. Several delayed or cancelled airline flights at Milwaukee Mitchell Field were reported, where 3.3" were measured. The morning commute was slowed down based on Department of Transportation reports. Between 0600 CST and 0900 CST on December 1st, about 19,000 utility customers lost electrical power in parts of Milwaukee, Washington, Ozaukee, and Racine Counties due to tree branches impacting ice-covered power-lines. An indirect fatality was reported in Milwaukee County on December 1st when a 64-year-old man died while snow-blowing (he may have had a heart attack). In Sheboygan County on December 1st, vehicle accidents resulted in 5 people being indirectly injured, and in Green County 2 indirect injuries were reported. The indirect fatality and injuries were entered into the December, 2008, StormData issuance since they occurred in December. Synoptically, low pressure moved northeast through Missouri to Illinois to southern Michigan. Based on WSR-88D Doppler radar, some lake-enhancement (Lake Michigan) aided in snow accumulations thanks to northeast winds.

(WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/01/08 00:00 CST

0

Winter Storm

12/01/08 04:00 CST

0

The first winter storm of the 2008-09 winter season over south-central and southeast Wisconsin started during the afternoon hours of November 30th, but continued to 0400 CST in the pre-dawn hours of December 1st. Snow accumulations of 3 to 10 inches were accompanied by northeast winds gusting to 25 to 30 mph, which led to some blowing and drifting of the snow in open and exposed areas. Visibilities at the height of the storm were reduced to 3/8 to 5/8 mile. The greatest accumulations of 6 to 10 inches occurred in a 20-mile wide band extending from Clinton in southeast Rock County northeast to Delafield (Waukesha Co.) to West Bend (Washington Co.) to extreme north-central Sheboygan County. The northern extent of this band actually ended in central Manitowoc County. Maximum accumulations included 10" at Ada (5NW Howards Grove) and Random Lake in Sheboygan County; an estimated 9" to 10" in extreme northwest Ozaukee County; 9.4" at the NWS Forecast Office southeast of Sullivan (Jefferson Co.); 9.3" at Germantown (Washington Co.), 9.1" at West Bend (Washington Co.); 8" at 3SE Palmyra (Jefferson Co.), 7" at Delavan (Walworth Co.) and Eagle (Waukesha Co.); an estimated 6" to 7" in extreme northwest Milwaukee County and southeast Rock County; almost 6" in the extreme southeast corners of Fond du Lac County and Dodge County; 5" to 6" in extreme northwest Racine County; 4" in extreme northwest Kenosha County; 3.7" at Brodhead (Green Co.); and 3" in south-central Dane County. Numerous vehicle accidents were reported in all counties due to icy, slippery, and snow covered roads. Several delayed or cancelled airline flights at Milwaukee Mitchell Field were reported, where 3.3" were measured. The morning commute was slowed down based on Department of Transportation reports. Between 0600 CST and 0900 CST on December 1st, about 19,000 utility customers lost electrical power in parts of Milwaukee, Washington, Ozaukee, and Racine Counties due to tree branches impacting ice-covered power-lines. An indirect fatality was reported in Milwaukee County on December 1st when a 64-year-old man died while snow-blowing (he may have had a heart attack). In Sheboygan County on December 1st, vehicle accidents resulted in 5 people being indirectly injured, and in Green County 2 indirect injuries were reported. The indirect fatality and injuries were entered into the December, 2008, StormData issuance since they occurred in December. Synoptically, low pressure moved northeast through Missouri to Illinois to southern Michigan. Based on WSR-88D Doppler radar, some lake-enhancement (Lake Michigan) aided in snow accumulations thanks to northeast winds.

(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/03/08 03:00 CST

Winter Weather

12/03/08 20:00 CST

n

A typical light to moderate snow event affected parts of south-central and southeast Wisconsin and deposited 3 to almost 5 inches of

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

snow. The greatest accumulations occurred from the Monroe/Janesville area northeast through Waukesha to Sheboygan and Port Washington. Specific snow measurements include 4.2 inches at Brodhead (Green Co.), 4 inches in Jefferson (Jefferson Co.) and at Beloit College (Rock Co.), 4.8 inches near Ocnonomowoc (Waukesha Co.), 3.5 inches in West Bend (Washington Co.), and 3.1 inches in Sheboygan (Sheboygan Co.). Dozens of vehicle accidents were reported by the media. Snow amounts tapered off to 2 to 3 inches in the counties of Fond du Lac, Dodge, Dane, Lafayette, Racine, and Kenosha. Synoptically, a surface trough moved across southern Wisconsin in conjunction with a weather disturbance in the upper levels of the atmosphere. Gusty northwest winds of 15 to 25 mph behind the surface trough generated some minor blowing and drifting of the new snow.

(WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH

12/08/08 17:00 CST 0 Winter Storm

12/09/08 19:00 CST 0

The 2nd major winter storm in the 2008-09 winter season affected most of south-central and southeast Wisconsin with heavy snows, sleet, freezing rain, and blowing snow. The area of greatest snow accumulations extended from Sauk County east-northeast through Fond du Lac and Sheboygan Counties where 8 to 12 inches were measured. Snow amounts tapered off to 2 to 4 inches near the Illinois border where there was more freezing rain. Ice accumulations were on the order of 1/10 to 2/10 of an inch near the Illinois border. Freezing rain and sleet amounts were minimal north of a Madison to Milwaukee line. Specific snow amounts include 12 inches in Pardeeville (Columbia Co.); 11.2 inches in Sheboygan (Sheboygan Co.); 11 inches in Wisconsin Dells (Columbia Co.) and Baraboo (Sauk Co.); 10.5 inches in Alleton (Washington Co.); around 10 inches in Marquette County; 9.5 inches in Fond du Lac (Fond du Lac Co.) and Berlin (Green Lake Co.); 9 inches in Beaver Dam (Dodge Co.) and northwest Ozaukee County; 7.5 inches in Lake Mills (Jefferson Co.); 7.1 inches in Middleton (Dane Co.); an estimated 7 inches in extreme northern Waukesha County; and an estimated 6 inches in northwestern Milwaukee County, southeastern lowa County, northeastern Lafayette County, northern Green County, and northwestern Rock County.

An accident involving a semi tractor-trailer on Interstate 39/90 near Beloit (Rock Co.) backed up traffic for about 3 miles in the eastbound (south) lanes for about 45 minutes. An alternative route was established by the State Patrol. Another accident involving a semi tractor-trailer blocked traffic on STH 41 and CTH N about 8 miles northwest of the city of Fond du Lac. Traffic was detoured for about an hour. Otherwise dozens of vehicle runoffs or accidents were reported by the media, and commute times increased. Numerous schools and civic functions were canceled due to the storm. Seveal airplane flights were delayed or cancelled at the major airports in Madison and Milwaukee. Synoptically, a strong low pressure developed over the Oklahoma panhandle and moved to northern Arkansas to Indiana and then to Lake Erie.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON

12/08/08 18:00 CST 0 Winter Storm

12/09/08 15:00 CST 0

The 2nd major winter storm in the 2008-09 winter season affected most of south-central and southeast Wisconsin with heavy snows, sleet, freezing rain, and blowing snow. The area of greatest snow accumulations extended from Sauk County east-northeast through Fond du Lac and Sheboygan Counties where 8 to 12 inches were measured. Snow amounts tapered off to 2 to 4 inches near the Illinois border where there was more freezing rain. Ice accumulations were on the order of 1/10 to 2/10 of an inch near the Illinois border. Freezing rain and sleet amounts were minimal north of a Madison to Milwaukee line. A spotter 5 miles southwest of the Madison State Capital noted that the snow started as if someone turned on a facet! Specific snow amounts include 12 inches in Pardeeville (Columbia Co.); 11.2 inches in Sheboygan (Sheboygan Co.); 11 inches in Wisconsin Dells (Columbia Co.) and Baraboo (Sauk Co.); 10.5 inches in Alleton (Washington Co.); around 10 inches in Marquette County; 9.5 inches in Fond du Lac (Fond du Lac Co.) and Berlin (Green Lake Co.); 9 inches in Beaver Dam (Dodge Co.) and northwest Ozaukee County; 7.5 inches in Lake Mills (Jefferson Co.); 7.1 inches in Middleton (Dane Co.); an estimated 7 inches in extreme northern Waukesha County; and an estimated 6 inches in northwestern Milwaukee County, southeastern lowa County, northeastern Lafayette County, northern Green County, and northwestern Rock County.

An accident involving a semi tractor-trailer on Interstate 39/90 near Beloit (Rock Co.) backed up traffic for about 3 miles in the eastbound (south) lanes for about 45 minutes. An alternative route was established by the State Patrol. Another accident involving a semi tractor-trailer blocked traffic on STH 41 and CTH N about 8 miles northwest of the city of Fond du Lac. Traffic was detoured for about an hour. Otherwise dozens of vehicle runoffs or accidents were reported by the media, and commute times increased. Numerous schools and civic functions were canceled due to the storm. Seveal airplane flights were delayed or cancelled at the major airports in Madison and Milwaukee. Synoptically, a strong low pressure developed over the Oklahoma panhandle and moved to northern Arkansas to Indiana and then to Lake Erie.

(WI-Z052) SHEBOYGAN, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z065) WAUKESHA

12/08/08 19:00 CST 0 Winter Storm

12/09/08 21:00 CST 0

The 2nd major winter storm in the 2008-09 winter season affected most of south-central and southeast Wisconsin with heavy snows, sleet, freezing rain, and blowing snow. The area of greatest snow accumulations extended from Sauk County east-northeast through Fond du Lac and Sheboygan Counties where 8 to 12 inches were measured. Snow amounts tapered off to 2 to 4 inches near the Illinois

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Date/Time **Event Type and Details** Location Deaths & Property & Injuries Crop Dma

border where there was more freezing rain. Ice accumulations were on the order of 1/10 to 2/10 of an inch near the Illinois border. Freezing rain and sleet amounts were minimal north of a Madison to Milwaukee line. Specific snow amounts include 12 inches in Pardeeville (Columbia Co.); 11.2 inches in Sheboygan (Sheboygan Co.); 11 inches in Wisconsin Dells (Columbia Co.) and Baraboo (Sauk Co.); 10.5 inches in Alleton (Washington Co.); around 10 inches in Marquette County; 9.5 inches in Fond du Lac (Fond du Lac Co.) and Berlin (Green Lake Co.); 9 inches in Beaver Dam (Dodge Co.) and northwest Ozaukee County; 7.5 inches in Lake Mills (Jefferson Co.); 7.1 inches in Middleton (Dane Co.); an estimated 7 inches in extreme northern Waukesha County; and an estimated 6 inches in northwestern Milwaukee County, southeastern Iowa County, northeastern Lafayette County, northern Green County, and northwestern Rock County.

An accident involving a semi tractor-trailer on Interstate 39/90 near Beloit (Rock Co.) backed up traffic for about 3 miles in the eastbound (south) lanes for about 45 minutes. An alternative route was established by the State Patrol. Another accident involving a semi tractor-trailer blocked traffic on STH 41 and CTH N about 8 miles northwest of the city of Fond du Lac. Traffic was detoured for about an hour. Otherwise dozens of vehicle runoffs or accidents were reported by the media, and commute times increased. Numerous schools and civic functions were canceled due to the storm. Seveal airplane flights were delayed or cancelled at the major airports in Madison and Milwaukee. Synoptically, a strong low pressure developed over the Oklahoma panhandle and moved to northern Arkansas to Indiana and then to Lake Erie.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/15/08 03:00 CST

12/15/08 12:00 CST 0

Post cold-frontal wind chill values dropped to -20 to -30 across south-central and southeast Wisconsin. These bitter-cold wind chills were generated by west winds at 17 to 26 knots (20 to 30 mph) with gusts to 26 to 36 knots (30 to 41 mph). Actual air temperatures were in the single digits above zero, or fell into that temperature range during this event.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA,

> 12/17/08 03:00 CST 0

(WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA 12/16/08 12:00 CST Winter Weather

Yet another round of light to moderate snow affected south-central and southeast Wisconsin on December 16th and 17th. Accumulations of at least 3 inches occurred in all areas. Up to 4 to 5.5 inches fell in a band from Lafavette County northeast through Dane County to Washington County. The highest total of 5.5 inches was measured near Sun Prairie (Dane Co.). Dozens of vehicle accidents were reported by the media, and several airline flights were delayed at the major airports in Madison and Milwaukee. Synopotically, warm and moist air road up and over colder air at the surface over southern Wisconsin in conjunction with an upper-level disturbance in the atmosphere.

(WI-Z056) SAUK, (WI-Z062) IOWA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

> 12/18/08 21:00 CST 0 Winter Storm

12/19/08 12:00 CST 0

This was the 3rd major winter storm of the 2008-09 winter season for south-central and southeast Wisconsin. It dumped 8 to around 14 inches, but the impact on society was significant since there was a lot of blowing and drifting of the snow. Bands of heavy convective snow had snowfall rates of 2 to 3 inches per hour. The winds were generally east becoming northeast and then north at 13 to 22 knots (15 to 25 mph) with gusts to 26 knots (30 mph). However, along the Lake Michigan shoreline, a few winds gusts peaked at 30 to 35 knots (35 to 40 mph), which resulted in near-blizzard conditions in that area. Snow drifts were reported to be 2 to 4 feet in height across southern Wisconsin. In the middle of the night a small plane skidded of a runway at Milwaukee Mitchell Field, but there were no injuries. Mitchell Field was closed for a couple hours due to the incident. Additionally, many airplane flights were delayed or cancelled at the airports in Madison and Milwaukee. Numerous schools and civic functions were cancelled. Media reports indicated that dozens of vehicle accidents occurred. A 2-car accident in the Town of Bristol in Dane County claimed the life of a 16-year old girl (indirect death) on December 18th.

Specific snowfall measurements include 14.3 inches in West Allis (Milwaukee Co.); 13.3 inches in Brookfield (Waukesha Co.); 13 inches in Argyle (Lafayette Co.); 12.5 inches near Richland (Washington Co.); 12 inches near Sheboygan (Sheboygan Co.) and far northwestern Ozaukee County; Union Grove (Racine Co.); 12.3 inches in Paddock Lake (Kenosha Co.); 11.5 inches in Middleton (Dane Co.); 11.2 inches in Jefferson (Jefferson Co.); 11 to 12 inches in far northwestern lowa County and far west-central Green County; 11 inches in far south-central Columbia County and in Beaver Dam (Dodge Co.); 10.9 inches in East Troy (Walworth Co.); 10.8 inches in Afton (Rock Co.); 10.2 inches in Reedsburg (Sauk Co.); 10 inches near Campbellsport (Fond du Lac Co.); 8.6 inches in Markesan (Green Lake Co.), and 8 to 8.5 inches in southern Marquette County. Synoptically, a strong low pressure moved from southeast Colorado to eastern Kansas to northeast Missouri to Indiana. Surface dewpoints were in the 55 to 60 range on the southeast side of the low pressure.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA

12/18/08 22:00 CST 0 Winter Storm

12/19/08 12:00 CST 0

This was the 3rd major winter storm of the 2008-09 winter season for south-central and southeast Wisconsin. It dumped 8 to around 14 inches, but the impact on society was significant since there was a lot of blowing and drifting of the snow. Bands of heavy convective snow had snowfall rates of 2 to 3 inches per hour. The winds were generally east becoming northeast and then north at 13 to 22 knots (15 to 25 mph) with gusts to 26 knots (30 mph). However, along the Lake Michigan shoreline, a few winds gusts peaked at 30 to 35 knots (35 to 40 mph), which resulted in near-blizzard conditions in that area. Snow drifts were reported to be 2 to 4 feet in height across southern Wisconsin. In the middle of the night a small plane skidded of a runway at Milwaukee Mitchell Field, but there were no injuries. Mitchell Field was closed for a couple hours due to the incident. Additionally, many airplane flights were delayed or cancelled at the airports in Madison and Milwaukee. Numerous schools and civic functions were cancelled. Media reports indicated that dozens of vehicle accidents occurred. A 2-car accident in the Town of Bristol in Dane County claimed the life of a 16-year old girl (indirect death) on December 18th.

Specific snowfall measurements include 14.3 inches in West Allis (Milwaukee Co.); 13.3 inches in Brookfield (Waukesha Co.); 13 inches in Argyle (Lafayette Co.); 12.5 inches near Richland (Washington Co.); 12 inches near Sheboygan (Sheboygan Co.) and far northwestern Ozaukee County; Union Grove (Racine Co.); 12.3 inches in Paddock Lake (Kenosha Co.); 11.5 inches in Middleton (Dane Co.); 11.2 inches in Jefferson (Jefferson Co.); 11 to 12 inches in far northwestern lowa County and far west-central Green County; 11 inches in far south-central Columbia County and in Beaver Dam (Dodge Co.); 10.9 inches in East Troy (Walworth Co.); 10.8 inches in Afton (Rock Co.); 10.2 inches in Reedsburg (Sauk Co.); 10 inches near Campbellsport (Fond du Lac Co.); 8.6 inches in Markesan (Green Lake Co.), and 8 to 8.5 inches in southern Marquette County. Synoptically, a strong low pressure moved from southeast Colorado to eastern Kansas to northeast Missouri to Indiana. Surface dewpoints were in the 55 to 60 range on the southeast side of the low pressure.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK

12/20/08 21:00 CST 0 Winter Storm

12/21/08 18:00 CST 0

The 4th major winter storm of the 2008-09 winter season affected all of south-central and southeast Wisconsin. While this storm featured only 2 to 5 inches of new, dry snow, the snow was combined with strong west winds occasionally gusting to 30 to 38 knots (35 to 44 mph). Consequently, there was considerable blowing and drifting of the new snow as visibilities dropped to around 1/4 to 1/2 mile at times. Snow amounts ranged from around 2 inches near the Illinois border to 4 to 5 inches over portions of Marquette County over to Sheboygan County. Elkhart Lake (Sheboygan Co.) had the greatest amount with 5 inches. Locally, a brief near white-out condition developed on Interstate-43 in the Town of Belgium about 1145CST to 1150CST on December 21st which resulted in a 15-vehicle accident. There were 11 injuries but no fatalities. The southbound lane was closed for about 3 hours. Several airline flights were delayed or cancelled at the major airports in Madison and Milwaukee. Media reports indicated that hundreds of vehicle accidents or run-offs occurred. Synoptically, the snow was generated by a low pressure dropping southeast from the Northern Plains across Wisconsin followed by a strong arctic cold front that ushered in bitter cold air and strong west winds.

The snow that fell in this winter storm, in conjunction with other storms and numerous other snow systems during the month of December, 2008, ultimately led to above normal precipitation and snowfall for the month. Precipitation totals ranged from 3.1 inches in parts of Sauk and Fond du Lac County to 6.1 inches in parts of Ozaukee County. Normal precipitation is 1.6 to 2.3 inches. Monthly snowfall totals ranged from 29 inches in parts of Dane County to 58 inches in parts of Sheboygan County. Normal December snowfall is in the 12-15 inch range, and normal winter season snowfalls are in the 30 to 54 inches range. Madison recorded 40.4 inches for December, 2008, a new December record and a new record for any month. Milwaukee measured 35.3 inches, which was the 2nd snowiest December on record.

(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/21/08 00:00 CST 0 Winter Storm

12/21/08 18:00 CST 0

The 4th major winter storm of the 2008-09 winter season affected all of south-central and southeast Wisconsin. While this storm featured only 2 to 5 inches of new, dry snow, the snow was combined with strong west winds occasionally gusting to 30 to 38 knots (35 to 44 mph). Consequently, there was considerable blowing and drifting of the new snow as visibilities dropped to around 1/4 to 1/2 mile at times. Snow amounts ranged from around 2 inches near the Illinois border to 4 to 5 inches over portions of Marquette County over to Sheboygan County. Elkhart Lake (Sheboygan Co.) had the greatest amount with 5 inches. Locally, a brief near white-out condition developed on Interstate-43 in the Town of Belgium about 1145CST to 1150CST on December 21st which resulted in a 15-vehicle accident. There were 11 injuries but no fatalities. The southbound lane was closed for about 3 hours. Several airline flights were delayed or cancelled at the major airports in Madison and Milwaukee. Media reports indicated that hundreds of vehicle accidents or run-offs occurred. A Milwaukee man died while shoveling snow (indirect death). Also, a Milton (Rock Co.) women died in a 2-vehicle accident on slippery roads. Synoptically, the snow was generated by a low pressure dropping southeast from the Northern Plains across

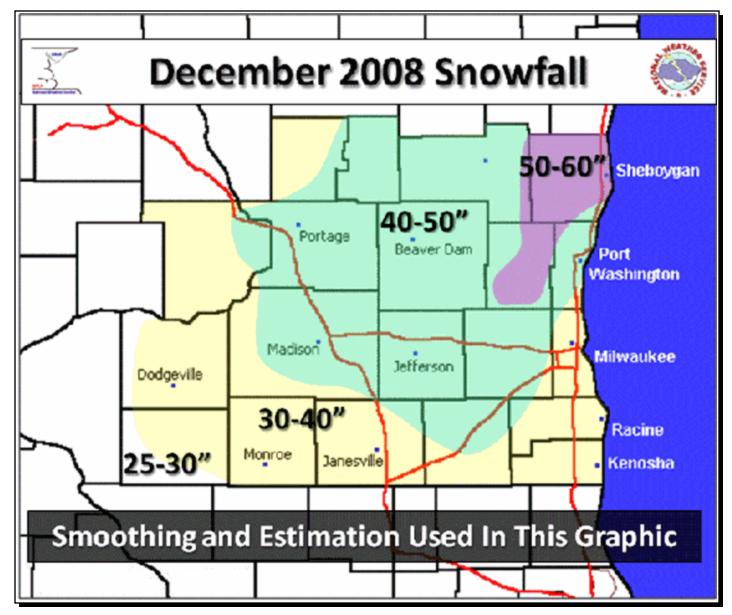
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Injuries Crop Dmg

Wisconsin followed by a strong arctic cold front that ushered in bitter cold air and strong west winds.

The snow that fell in this winter storm, in conjunction with other storms and numerous other snow systems during the month of December, 2008, ultimately led to above normal precipitation and snowfall for the month. Precipitation totals ranged from 3.1 inches in parts of Sauk and Fond du Lac County to 6.1 inches in parts of Ozaukee County. Normal precipitation is 1.6 to 2.3 inches. Monthly snowfall totals ranged from 29 inches in parts of Dane County to 58 inches in parts of Sheboygan County. Normal December snowfall is in the 12-15 inch range, and normal winter season snowfalls are in the 30 to 54 inches range. Madison recorded 40.4 inches for December, 2008, a new December record and a new record for any month. Milwaukee measured 35.3 inches, which was the 2nd snowiest December on record.



Snowfall graphic for the Milwaukee/Sullivan County Warning Area for December, 2008. Generated by Alex Lamers, SCEP.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/21/08 02:00 CST 2 0 Cold/Wind Chill

12/22/08 12:00 CST

Yet another bitter cold air mass pushed across southern Wisconsin in the wake of a winter storm. West winds of 13 to 17 knots (15 to 20 mph) with gusts to 26 to 35 knots (30 to 40 mph) generated wind chills of -20 to -34. Actual air temperatures at the start of this event

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ranged from -7 at Mineral Point (Iowa Co.) to 21 at Sheboygan, but eventually dropped to a range from -5 at the Lone Rock Airport (Sauk Co.) to a +5 at Timmerman Field in Milwaukee County. A newspaper carrier about 3 miles east of Monticello (Green Co.) died due to exposure after his vehicle got stuck in a snow drift. In Sheboygan County, a man in the Town of Holland died within 1/2 mile of his home due to exposure after his vehicle was involved in an accident. Although not related to the bitter cold wind chills, a vehicle roll-over in southern Sauk County during the overnight hours resulted in 6 people suffering indirectly-related injuries (vehicle moving too fast for slippery conditions). In the city of Milwaukee, the driver of a vehicle lost control on an icy patch on Interstate-43 and went over a guard rail and dropped 15 feet onto an onramp below. The driver suffered serious injuries.

Direct Fatalities: M54OU, M59OU

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/23/08 03:00 CST 0 Winter Weather

12/23/08 21:00 CST

Another low pressure moved from the Mid-Mississippi River Valley to northern Lower Michigan and deposited 2 to 5.6 inches of snow across south-central and southeast Wisconsin. Some blowing and drifting snow was reporte in open and exposed areas as south to southwest winds occasionally gusted to 30 knots (35 mph). Generally more than 3 inches fell east from Fond du Lac County to Dane County to Rock County, and more than 4 inches accumulated over the counties of Sheboygan, Washington, Ozaukee, northeastern Waukesha, and northwestern Milwaukee. A maximum of 5.6 inches was measured near Jackson in Washington County. Media reports indicated that dozens of vehicle accidents occurred.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/24/08 06:00 CST 50K

12/24/08 21:00 CST

Yet another low pressure system moving from the Southern Plains to Lower Michigan dumped light to moderate snow amounts across south-central and southeast Wisconsin. Snow accumulations were generally 3 to 4 inches, but amounts tapered off to 2 inches near Lake Michigan from Milwaukee south to Kenosha. Northwest winds on the backside of the low pressure gusted on occasions to 30 knots (35 mph), resulting in blowing and drifting of the snow in open and exposed areas. Visibilities were reduced to around 1/2 mile at times. Snow and ice accumulations caused a 100-foot by 200-foot section of a roof to collapse on a building in Kohler (Sheboygan Co.), but there were no injuries. Dozens of vehicle accidents were reported by the media. A 2-vehicle accident near Cottage Grove (Dane Co.) claimed the life of an 18-year-old man. In the Town of Clyman (Dodge Co.), a 2-vehicle accident resulted in the deaths of a mother and her young boy, and 1 injury. Near Wisconsin Dells (Columbia Co.) a 60-year old women died in a roll-over, with 3 other people injured. A 4-vehicle accident near Gratiot (Lafayette Co.) resulted in 4 injuries. All of the fatalities and injuries in these vehicle incidents were "indirectly-related" to slippery road conditions.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/25/08 19:00 CST 0 Winter Weather

12/26/08 06:00 CST 0

A low pressure over the Northern Plains dropped southeast across Illinois and generated light snow amounts of 0.5 to 2.5 inches over south-central and southeast Wisconsin. However, freezing rain and sleet accumulations of 1/10 to 2/10 of an inch occurred before colder air changed the precipitation to snow. Road surfaces became slippery and dozens of vehicle accidents were reported by the media. The greatest accumulations of 2 to 2.5 inches occurred from Marquette County east to Fond du Lac County. Amounts tapered off to less than a half inch near the Illinois border.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

12/26/08 10:00 CST 0 Dense Fog

12/27/08 18:00 CST 0

The combination of south winds, above normal temperatures, and snow melt resulted in the formation of a long-duration dense fog event across south-central and southeast Wisconsin. Visibilities were reduced to 1/16 to 1/4 mile while there was occasional light rain, or light snow, or light drizzle. The media noted a few vehicle accidents and some airplane flights were delayed or cancelled at the major airports in Madison and Milwaukee. Overnight low temperatures dropped to only the mid 30s to mid 40s. Milwaukee tied its record daily maximum temperature of 51F on December 26th. Madison's maximum temperature of 49F on December 27th was one degree short of their record daily high. On the 27th, maximum temperatures across south-central and southeast Wisconsin ranged from 42 at

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Juneau (Dodge Co.) to 58 in Kenosha (Kenosha Co.). Normals for this time of the year are 25 to 30 for maximum temperatures and 10 to 18 for minimum temperatures. The precipitation and snowmelt that occurred during this dense fog event ultimately resulted in river flooding along the major rivers in southeast Wisconsin from December 27th through the end of the month or even into early January, 2009. Water levels exceeded flood stage by 2.56 feet at New Munster on the Fox River in western Kenosha County. In Racine County, the Root River Canal near Raymond exceeded flood stage by 1.53 feet. Some bottomland roads were closed, but no damage was reported to residential homes or businesses.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH

12/27/08 18:00 CST 0

12/28/08 08:00 CST 0

This was the last in a long series of storms and snowfalls to affect south-central and southeast Wisconsin during December, 2008. Warm air advection in the mid-levels of the atmosphere followed by a strong cold front, resulted in a mixed bag of precipitation types. The precipitation started off as freezing rain that left a glazing of ice up to 1/8 inch thick. After the cold air arrived, snowfalls of 1 to around 3 inches occurred, along with blowing and drifting of the snow. Northwest winds gusted up to 26 to 35 knots. The media noted that dozens of vehicle accidents occurred. Specific snow measurements include 3.2 inches at Mt. Horeb and 1.9 inchees at Madison (Dane Co.); 3.1 inches near Oxford (Marquette Co.); 3 inches in Portage (Columbia Co.) and Berlin (Green Lake Co.); and 1.5 inches in Waukesha (Waukesha Co.). Snow amounts tapered off toward the southeast. Measured wind gust reports of 40 to 43 knots (46 to 50 mph) came out of the Kenosha (Kenosha Co.) area.

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